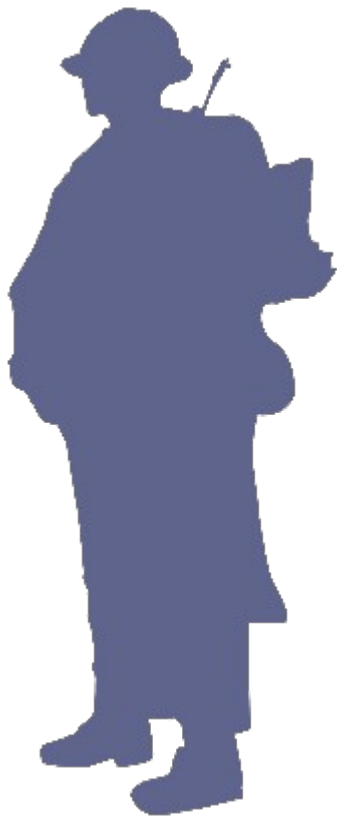


DB4045 software

Manual



Revision history

Manual

Revision	Description
0.1	Concept

Software

Revision	Description
1.0	First release

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1. Introduction

The software was created with the goal to support a project which had as goal to find the faces behind military graves from World War 2. The goal of the software is to fill a database so all the collected data could be presented in an easy way and be very flexible for future use and presentation.

For this reason the software makes use of a database to store the data. The web application is the portal to the database and aids the user in filling the database. The final functionality is to present the user with an easy and clear overview of the collected data of a single person from all the collected data inside the database.

The goal of the software is to help manage the (big heap) of collected data.
This software was made by volunteers and is not a professional production.

This manual starts with some chapters with (important) general information. After that the functionalities are explained based on the side menu of the software. In the chapter other some general and specific subjects are explained in more detail. In the chapter analysis tools the available analysis tools are described. The manual concludes with an general description of the source code.

2. Important – read

This software has been made by volunteers and is in no way professional software. This means that you are fully responsible for using the code and for reviewing it regarding functionality and (internet)safety. The creators of the software can not be held responsible in any way for damage or any other consequences for using the software.

The user of the software is responsible for fully reviewing the code and take the appropriate cyber security measures.

The software is not made to be used for data on which privacy or other legislation and rules are applicable. The user is fully responsible to comply with the applicable rules and legislation.

Because the software is made by volunteers the user is responsible for maintaining the software. Support cannot be expected.

The software may only be used for “Faces to graves” projects and not for other research.

For the emails, contact information and passwords used in this software is the advise to create dedicated email addresses which are not used for other things as a cybersecurity measure.

3. Getting started

The flow chart below shows an guide for getting started.

Step	Description	Reference chapter
1	Read this manual and make yourself known about the limitations responsibilities of the software.	This manual.
2	Research all the applicable privacy and data legislation which could be applicable. When using data from outside the country also make sure privacy and data legislation of these foreign countries is studied.	N.a.
3	Make a plan to comply with all the applicable privacy and data legislation.	N.a.
4	Review the code and make where applicable the necessary changes.	N.a.
5	Adjust the text of the privacy page where applicable.	
6	Take where necessary cybersecurity measures.	N.a.
7	Install the software and database on a computer / server.	N.a.
8	Login as the administrator and change the default administrator password.	13.7.2
9	Create the necessary user accounts.	13.7.1
10	Define the permissions to the roles.	13.4
11	Link the roles to the created user account.	13.7.2
12	Define the rules, regulations, tips and tricks.	13.5
13	Set the homepage text.	13.1
14	Set (if applicable) the contact information.	13.1
15	Set the minimum years passed check value.	13.1 and 16.1
16	Review and set the first of the standard dropdown items under the management tab. Examples are document types, countries, ranks etc.	11.1

4. First steps

The table below shows references to the applicable chapters in this manual to get started.

Step	Description	Reference chapter
1	Create an person.	9.2.1
2	Create an event.	9.3.1
3	Create an document.	9.4.1
4	Make the link between the document and event.	9.4.6
5	Create an ticket.	9.5.2
6	Using markdown.	12.4
7	Delete an ticket.	9.5.5
8	Delete an document.	9.4.4
9	Delete an event.	9.3.4
10	Delete n person.	9.2.4

5. General remarks

The person, documents and events edited pages contain a description input field and specific input fields. The description is meant for storing all the information in a good readable story. The specific inputs fields are meant for future searching options. When filling the database with data try to make an elaborate description and fill in as many as the specific input fields as possible. If there are any duplicate information between the description and the other input fields this is not a problem as long as the information is consistent.

In some input fields it is possible to select unknown, other or some other general term. These can be used if the option that you want to chose is not available in the selection list. To prevent a database full of general terms keep the following points in mind:

- Ask the moderator of the specific option can be created.
- If the moderator van not created the specific option, make the general information more specific in the description.
- If there is no specific information available mentions this also in the description so it is known that not all information is available.

5.1. Mark download

The website makes use of markdown. Mark down is an functionality to give an text a certain mark up. As an extra option the mark down functionality can be used as annotation in descriptions. This is works as follows:

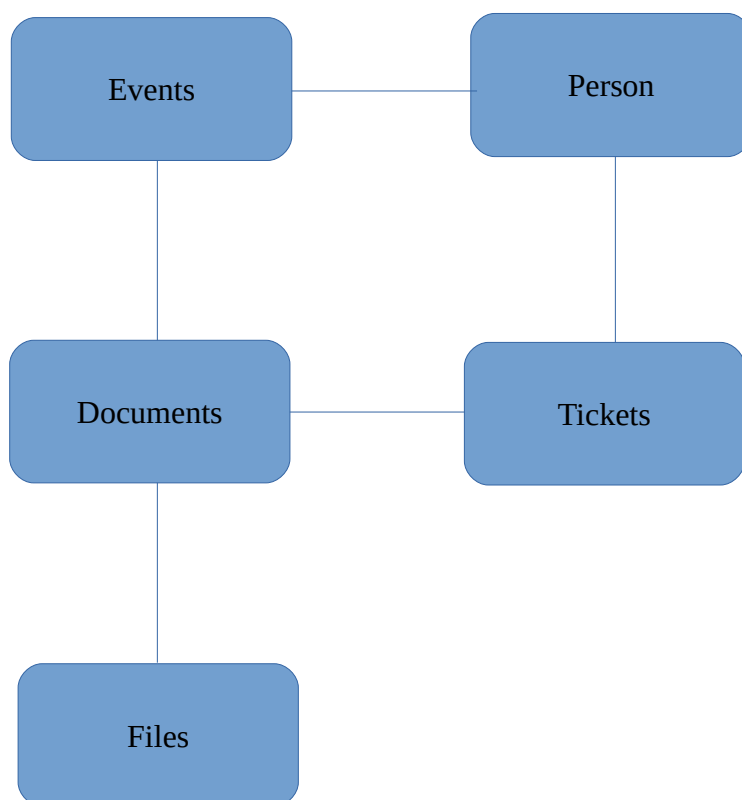
- Link to document: #[Document id="1"]
- Link to ticket: #[Ticket id="1"]
- Link to person: #[Person id="1"]
- Link to image: #[Image id="1"]

6. Software architecture

The software architecture is designed around objects. The following objects are available:

- Person. This is are person about which the information is collected.
- Event. This are life events which a person experiences throughout his life. Examples are death, birth etc.
- Documents. This is a document with information about the person or life event. A document can be linked to a uploaded file.
- Tickets. These are to do points, questions, information which is conflicting, action points etc. which can be linked to persons and documents.

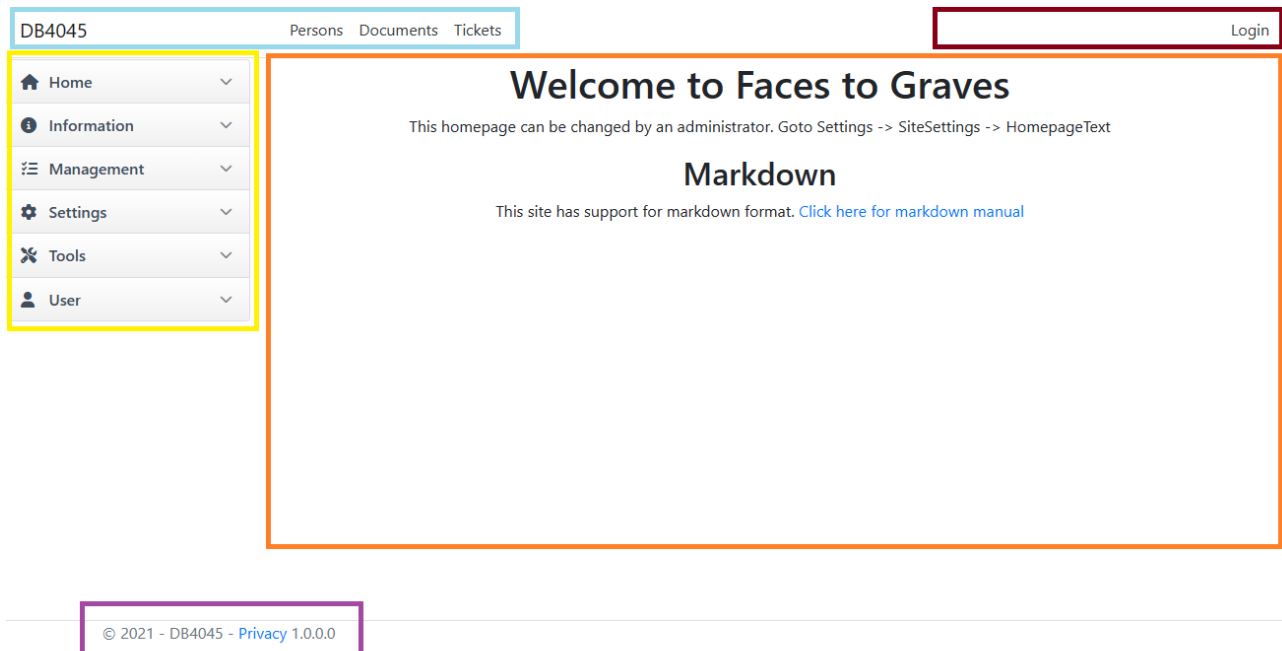
The complete architecture with the supporting objects is shown below in the picture.



7. GUI

The graphic user interface (GUI) is shown below. It has the following items:

1. The general area are in which all the pages are shown (orange).
2. The login name which gives access to the user manager page and the logout button. If the person is not logged on the login button is shown (red).
3. On top of the page are three quick access buttons located to the persons, documents and tickets (blue).
4. On the left is the sidemenu located which gives access to all the different functionalities of the software. Clicking on one of the buttons gives access to a sub menu (yellow).
5. The base of the page has version information and link to the page with privacy information (purple).

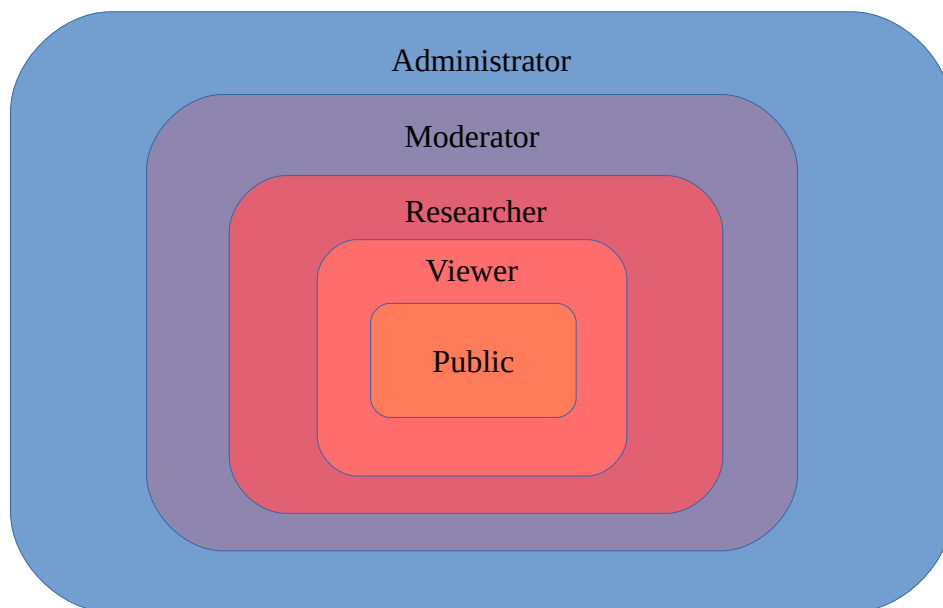


8. Type of users

For the management of the users and what they may and may not do a user management system is available. A user can be assigned a certain role. To this role permissions can be assigned. The following roles are available:

- **Administrator:** The administrator is the role type with all the permissions. The “extra” permissions are in general user management and website management related.
- **Moderator:** The moderator role is added to ensure that the data added to the database is consistent and in according the the rules and regulations. For this the moderator is able to add and change items used for in the select lists at the create/edit pages of persons, events and documents.
- **Researcher:** The researcher creates and edits persons, events and documents.
- **Viewer:** This role is used for the kiosk mode and is meant as a role which can view certain data and not allowed to edit all the data.
- **Public:** This is not defined role in the software. The role public is the user who visits the website but is not logged in.

In the normal configuration the moderator has also the permissions of the researcher and the administrator also the permissions of the moderator and researcher etc.



The description above is a guideline and the assigning of roles can be changed. In chapter 13.7 is described how roles are assigned to users. In chapter 13.4 is described how permissions are assigned to roles.

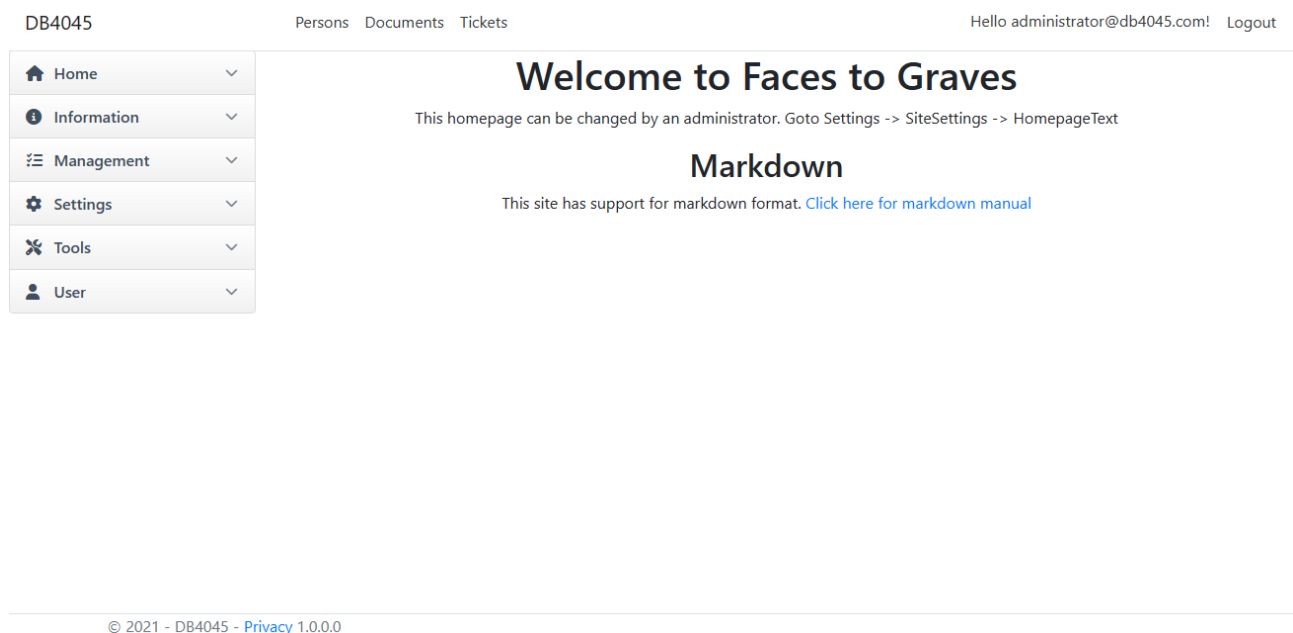
9. Home

The home menu provides access to the main components which this software is about:

- Home page
- Persons
- Documents
- Tickets

9.1. Homepage

The home page is the page which is the starting point of the website. This is also the page a visitor is shown who is not logged into the software. The home page can be access by clicking on *Home* on the side menu and after that on *Welcome*. Clicking on *DB4045* on the left hand upper corner also opens the home page.

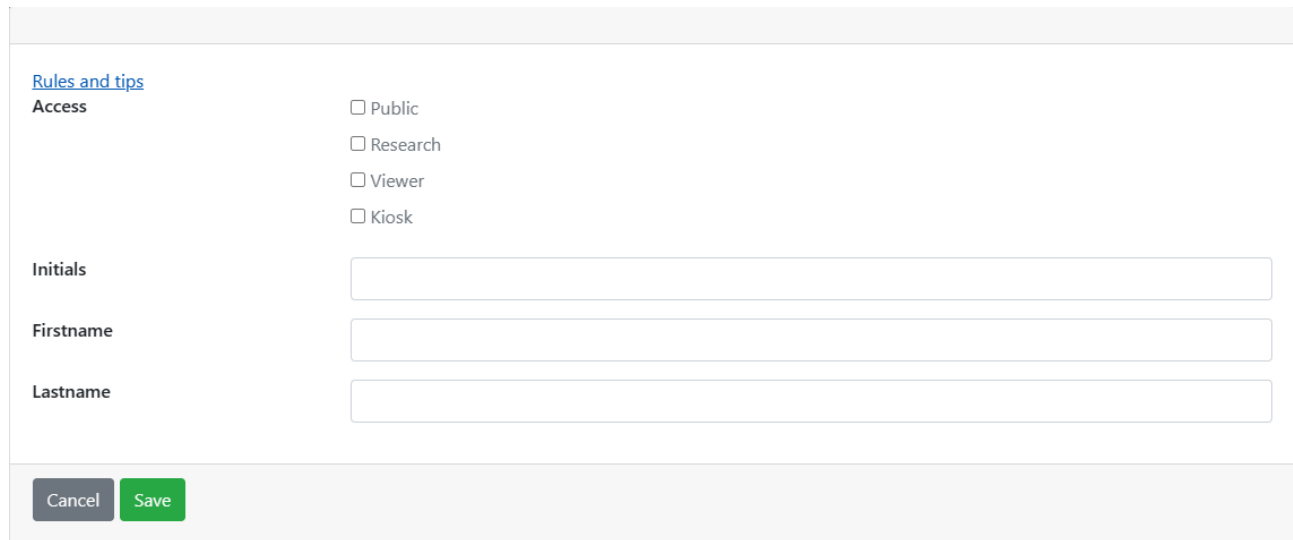


For editing the home page information see chapter 13.1.

9.2. Persons

9.2.1. Create

To create a new person click on persons on top of the page. This opens the persons list. Click on *create new* at the right top corner of the page. This opens a new page. Fill in all the input field of which data is available. Click on save to create the person or on cancel to end the operation.



[Rules and tips](#)

Access

☐ Public

☐ Research

☐ Viewer

☐ Kiosk

Initials

Firstname

Lastname

The two options VisibleKiosk and VisiblePublic are settings which set who can see the person detail page:

- If none of the checkboxes is checked the person detail page is only visible for the researchers.
- If the VisibleKiosk checkbox is checked the person is available in the kiosk mode. See for more information regarding the kioskmode chapter 11.8.
- If the VisiblePublic checkbox is checked the person is available in the public view page. This means a person is not logged on. This functionality is not yet implemented.

If only an grave number is known type for the data above unknown and create an burial event.

9.2.2.Details

To enter the details page of a person click persons at the top of the page. This opens the list with all the persons. Find the person you want to view the details off and click on the eye. This opens the details page.

The details page consists of the following general items:

- Left hand side a menu which shows data which is automatically created based in the created events. This is called the biography (purple box).
- Short description is located on top of the page (red box).
- Multiple tab with (pink box):
 - Timeline with events.
 - Tickets
 - Long description.
 - Documents
 - Pictures
- Name of the person (dark blue box)
- Profile picture (light blue box)

TT Test Test



Biography

Decorations

Add description

Events

Story

Tickets

Documents

Pictures

Create new

9.2.3.Edit

Person

To change the basic information of the person go to the page which lists all the persons. Click on the pencil. This opens the window used to create the person. Edit the information and click on save to save the changes. Click on cancel to cancel the operation.

Create new

	Id	Firstname	Lastname	Grave number	Index	
	1	test	test		1	    

First 1 Last

Events

See the events page (chapter 9.3).

Profile Picture

To change the picture of the person go to the details page of the person and click on the picture shown on the top left corner. This opens a new page. The dropdown menu lists all the documents which are:

- Linked to the person.
- Are of the type profile picture.
- Have an file uploaded.

Select the profilepicture.
Select the profilepicture from the list.

Set picture

Close

Select the applicable document (picture) and click on save. To end the operator click on cancel.

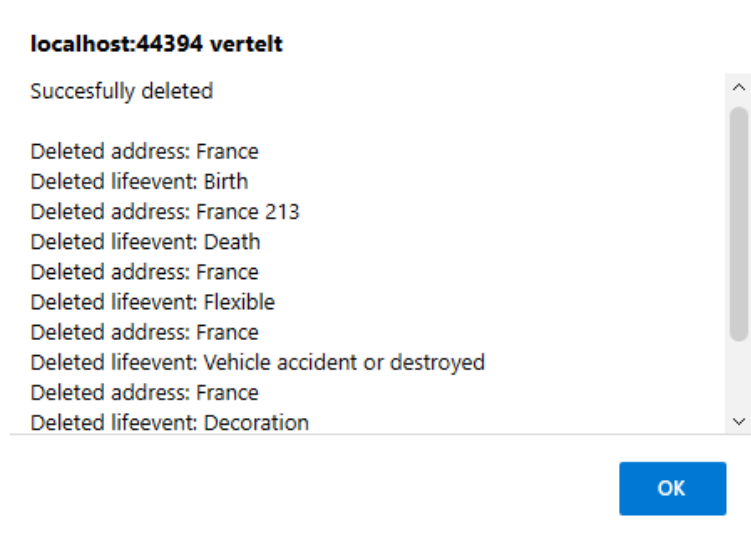
To add a new profile picture to the list a document must be created which complies with conditions above. See for the creation and editing of documents chapter 9.4.

9.2.4.Delete

To delete an person go to the page which lists all the persons. Click on the bin symbol.

WARNING:

All related tinkets and events are also deleted. Make sure these can be deleted. It is advised to first manually delete all the underling information or links and after that delete the person.



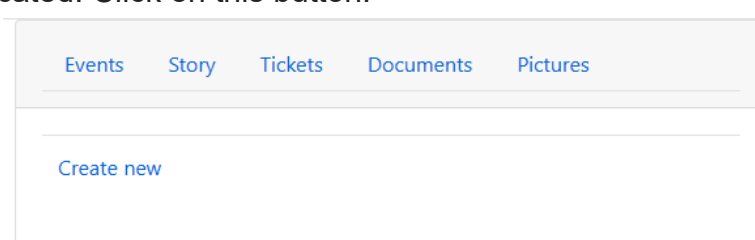
9.3. Events

The events are the thing the person has "experienced" in his life and after he died.

Examples are birth, burial, exhumation etc. By creating the events a timeline of the person is created.

9.3.1. Create

Go to the top of the page and click on persons. Find the person you want to create a new event for and click on the eye to enter the details page of the person. The timeline tab should already be open on the details page and on the bottom of the timeline a button create event is located. Click on this button.



This opens a new page which allows the creation of a new event. The page consists of general parts and event specific parts.

The general parts are:

- Description
- Address
- Linking
- File upload

See chapter 9.3.2 regarding the GUI.

The event specific parts are selected by the dropdownlist. Select the applicable event.

Depending on the event the event specific input fields will appear.

A person can have a certain role in an event. For example at a birth event there is a mother, father, the child and maybe also a doctor. At the top right hand corner the role of the person is chosen which he has during the event. It is also possible to add other persons to the event if they have a certain role in the event. If this is done the event will also appear on the timeline of the other person. The roles which can be chosen depend on the selected event type.

Fill in all the applicable fields and click on save to create the event. To leave the create page click on cancel, the event will not be created.

To link the event to documents see chapter 9.4.6.

9.3.2.GUI

The GUI of the events detailspage is shown below.

Event type

[Rules and tips](#)
Event type

Date

Date is a guess ☐

Error code: 404

Roles

If the role "other" is used. Describe the role of the person in the description.

Links

Error code: 404

Address

Country

Province

City

Street

Number

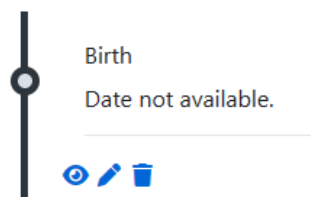
Description

Cancel

Save

The GUI of the events detailspage consists of the following parts:

- On top the type of event is selected (purple box).
- Below this (green box) the date is set when the event happened. If the exact date is not known choose an date which puts the event in the right order compared to the other events and check the checkbox Date is a guess. This results in a mention in the timeline that the date is not available.



- The pink box is the area where the event specific data is shown and edited. If an event type is not yet selected the error 404 is shown.
- The description with all detailed information is located at the bottom of the page (grey box).
- On the right top hand corner the role of the person is selected. It is also possible to add more persons to the event. Enter Click on Add and type the name and select the applicable role. The event will also be shown on the timeline of this other person. To remove the person from the event click on remove.

Roles

If the role "other" is used. Describe the role of the person in the description.

Test Test	Visitor	Remove
Henk Henk	Deceased	Remove

Add

- The blue box is used to create links between an event and for example documents. This box appears after saving the event.

9.3.3.Details

The details page is for most parts the same as the GUI described in chapter 9.3.2. It is not possible to edit the data.

9.3.4.Delete

To delete an event go to the timeline of the person who has the event. Click on the trash icon. A textbox is shown which asks if your are sure.

localhost:44394 vertelt

Are you sure?

OK Annuleren

If you are sure click on Ok or to end the operation click on cancel.

If the delete operation is complete a textbox is shown with the text Succesfully deleted. The object which are related to the event (for example the address linked to the event) are listed.

localhost:44394 vertelt

Succesfully deleted

Deleted address: France
Deleted lifeevent: Death

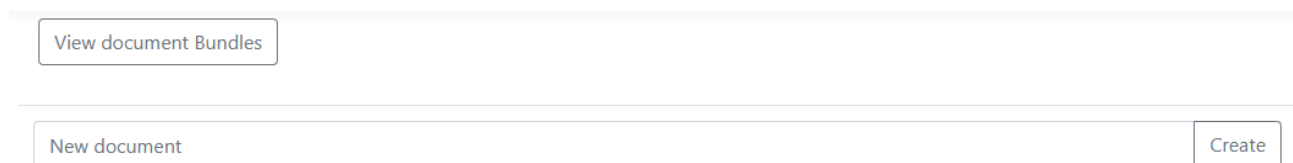
OK

9.4. Documents

All the information which is added to the database generally comes from documents. To make the links between the persons and events and the related documents visible the documents can be added to the database. The document can be added by creating a document and uploading the corresponding file or by making a reference to a physical document.

9.4.1. Create

To create a document go to the top of the webpage and click on *Documents*. This opens the page which lists all the documents.



The screenshot shows a web interface for creating documents. At the top, there is a button labeled "View document Bundles". Below this, there is a text input field with the placeholder text "New document" and a "Create" button to its right.

Type the name of the document and click on create.

See chapter 9.4.2 for filling in the other details regarding the document.

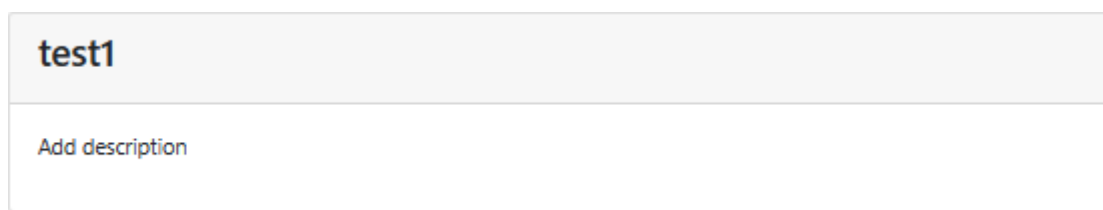
Note: if after clicking the document does not appear your account does not have the right permission. Documents are created with the copyright on.

9.4.2. Details

To enter the details page of a certain document click on the ID number or the eye on the right side on the document list page.

Description

The description is below the title on top of the page.



The screenshot shows the details page of a document. It features a title "test1" in a bold font. Below the title, there is a text input field with the placeholder text "Add description".

Related tickets

Tickets

#1	Test	Todo
----	------	------

Below the description the tickets related to the document are shown.

File

If file is uploaded this shows the details regarding the uploaded file. By clicking on the file name it is possible to download the file.

Files

No file uploaded

Files

downloaden2.png

Uploaded by:
superuser@db4045.com
Uploaded at:
13-1-2023 20:49:46

File uploaded

Links

The links overview shows to which objects (tickets, events, persons, document bundle) is linked.

Links

Ticket: Test

Details

The details part shows all the details regarding the document.

Name of document	The name of the document.
Type of document	The type of the document (f.e. birth certificate, book, letter, website).
Edition of the document	The revision of the document.
Date of publication	Date of the publication which is given on the document.
ISBN-10	ISBN-10 number.
ISBN-13	ISBN-13 number.
APA notation	This is for the APA notation.
Source	General description of the used source.
Source website name	The website link to the homepage of the used website.
Source website link	The specific website link to the used page or file.
Date of consultation	The date the website was visited for consulting the informtion.
Source registration number	If a document registrationnumber is available on the document this can be saved here.
Physical location source	The physical location of a non-digital source. F.e. the location in an archive.
Writer	Writer of the document.
Copyright	If copy right is applicable on the source. F.e. it is generally not allowed to copy information from books, websites. An other example is if an family has given only a very specific approval for use of an picture.
Copyright type	Name of the type of copyright.
Copyright type description	An description about the type of copyright and what is means. Could also include an link to an source or email to keep the description short.
Approval from original document owner	This can be used to manage the proces regarding asking approval for use of the document. It status the states the status of approval status from the original document owner.
Reference to document regarding approval from original document owner	An refence can be made here to an document in which the original document owner has given or not given approval (f.e. email). Do not copy the approval in this, only a reference.

test1

Add description

Tickets

Details

Name of document	test1
Type of document	Pleas select an document_type.
Edition of the document	
Date of publication	No date given.
ISBN-10	
ISBN-13	
ISBN-13	
Source	
Source website name	
Source website link	
Date of consultation	No date given.
SourceRegistrationNumber	
Physical location source	
Writer	
Copyright	Unknown
Copyright type	Not selected
Copyright type description	Not selected
Approval from original document owner	Not_applicable
Reference to document regarding approval from original document owner	

Edit

Files

Links

9.4.3.Edit

Title

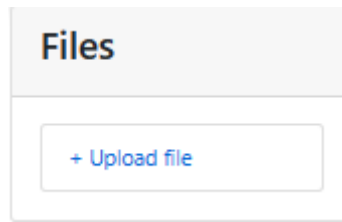
By double clicking on the title it is possible to edit the title of the document.

Click on *Save* to save the title or *Cancel* to end the edit operation.

Add description

Upload file

To upload a file click on *Upload file* button on the details page.



This opens a new page. Click on *Choose file* which opens the Windows file explorer. Select the file you want to upload. Click on *Save* to upload the file or on *Cancel* to end the operation.

Upload file	
Rules and tips	
Bestand kiezen	Geen bestand gekozen
Cancel	Save

Details

To change the details click on *Edit* at the bottom of the details. This opens the page to change the details. Some items are chosen by dropdownlist. If the right option is not available contact your moderator and look if he can add it to the database. Click on *save* to save the changes or on *cancel* to stop the edit operation.

On the left top corner the button *Rules and tips* is given. Click on this to open the page with all the rules, regulations and tips.

test1	
Rules and tips	
Name of document	test1
Type of document	Please select an document_type. ▼
Description	
Edition of the document	
Date of publication	01-01-0001
ISBN-10	
ISBN-13	
APPA notation	
Source	
Source website name	
Source website link	
Date of consultation	01-01-0001
SourceRegistrationNumber	
Physical location source	
Writer	
Copyright applicable	Unknown
Type of copyright applicable	Not selected
Approval from original document owner	Not_applicable
Reference to document regarding approval from original document owner	
Cancel Save	

9.4.4.Delete

To delete an document go to the document list and click on the trash bin icon. An message box appears which asks if you are sure to delete the document. If the delete operation was successful and message box appears stating an successful delete.

If the delete operation was not successful an message box appears stating the error and the links preventing the delete operation.

View document Bundles

#1	asdasdasd	 
#2	test1	 
#3	asdsad	 
#4	geboorte certificaat	 
#5	foto henk	 

New document

Create

localhost:44394 vertelt

Are you sure?

OK

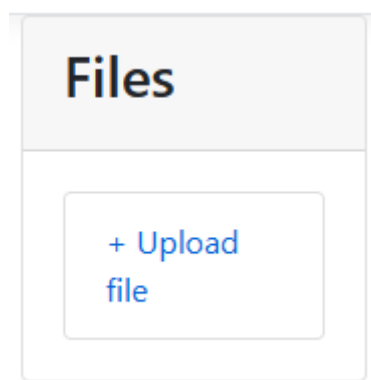
Annuleren

9.4.5. File upload

With a document or picture make sure that publication is allowed. Add a reference to, for example an email, in which the approval is given to the applicable input fields in the document. Also set the boolean to true or not true regarding the publication.

! IMPORTANT - READ!

File uploads are placed inside a folder with a long hash name. Also the name of the file is a hash name. This means that finding the file is more difficult using an search engine or you have to know the specific file path. This does not mean that it is protected from unwanted visitors. The uploaded files are not behind the login "barrière". If you known the exact webadress to the file you can visit the file without having to log into the system. Keep this in mind when uploading files with might has privacy restrictions, copyright etc.



Upload file

[Rules and tips](#)

Bestand kiezen

 Geen bestand gekozen

Cancel

Save

9.4.6. Linking document to event

To link an event to and document first the document and event must be created separated. Whe both have been created it is possible to link the event to the document. Go to the applicable event and click on the pencil. This opens the edit page of the event. Go to the blok Linsk and type the name of the document. This opens an list below the search box. Click on the applicable document.

Links

Document: test

This closes the edit page of the event. To see if the linking was succesfull click on the eye or pencil to open the details page. The document is isted in the links box.

To delete the link click on the sever link symbol behind the document name.

Links

Document: test

Add link

9.5. Tickets

The main goal of the ticket functionality is to enable the storage of “information doubt” without storing wrong information in the database which become “truth” over time. An example of this a name of a person which is written in several different ways. You want to note this somewhere but use the most likely name at the person object but keep the alternatives still in the view. For this goals the tickets where created. As an extra option the ticket functionality can be used for questions and activities which have to be performed.

9.5.1.List

To list all the tickets go to the top of the webage and click on *Tickets*. The tickets are ordered first by status and then by creation date (descending).

9.5.2.Create and list

To create a new ticket click on *Tickets* on the top of the webpage. This opens the list with all the tickets. To create a new ticket type the title of the ticket in the input field with the text *New ticket* and push the button create. Make sure the title is clear and shows what the ticket is about.

New ticket	Create
------------	--------

9.5.3.Details

To show all the details concerning a ticket, click on *Tickets* on the top of the webpage. This opens the list with al the tickets. Click on the blue ID number on the left side or the eye icon on the right side. This opens the detail page of the ticket as shown below.

test Add description Comments db4045.com Post comment	Details Status: Todo Reporter: @db4045.com Assignee: db4045.com Change assignee Created: 4-1-2023 16:56:54 Links Person: 3 4 Document: test Add link
---	---

The details page consist of the following elements:

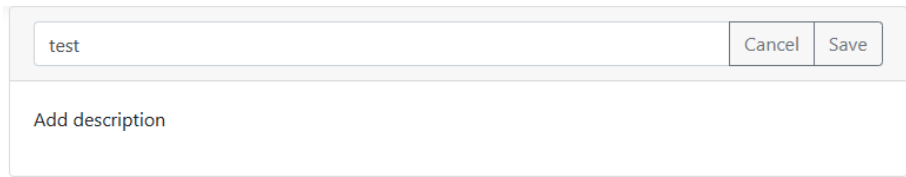
- A description which gives all the information about the ticket.
- A comment section in which you and other users can comment. This is meant as a discussion functionality and to track progress.
- The details section shows several details regarding the ticket:
 - The status
 - Who created the ticket (reporter)
 - The person who is the current action holder (assignee)
 - Creation date
- In the links section the tickets can be linked to persons and documents which the ticket is about.

9.5.4.Edit

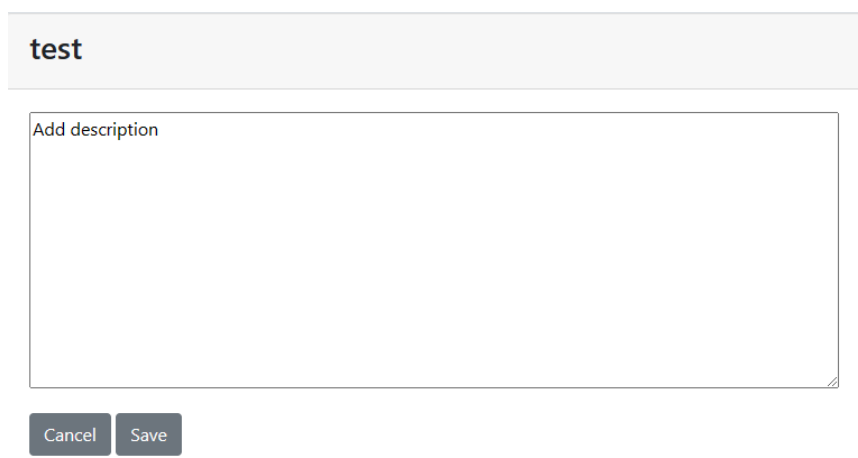
In the previous chapter the different details are described. The following elements of the ticket can be edited from the details page:

Title, Description, Status, Assignee, Links, Comments

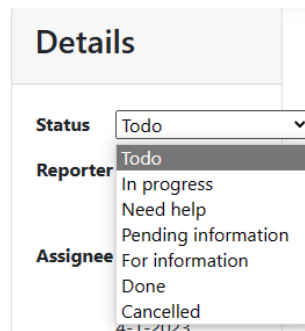
To edit the title, double click on the title. This opens a edit page. To save the new title click on *save*. To end the edit mode click on *cancel*.

A screenshot of a web form for editing a ticket title. At the top, there is a text input field containing the word "test". To the right of this field are two buttons: "Cancel" and "Save". Below the input field is a larger text area with the placeholder text "Add description".

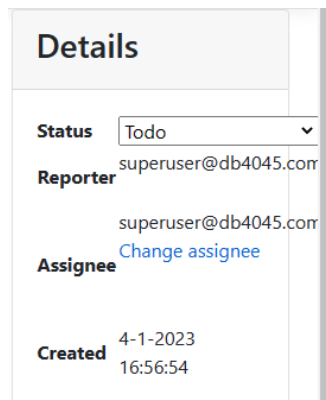
To edit the description double click on the text of the description. This opens a edit page. To extend the text area it is possible to drag the corner on the right hand low corner. To save the new description click on *save*. To end the edit mode click on *cancel*.

A screenshot of a web form for editing a ticket description. At the top, there is a header bar with the word "test" in bold. Below this is a large text area with the placeholder text "Add description". At the bottom of the form are two buttons: "Cancel" and "Save".

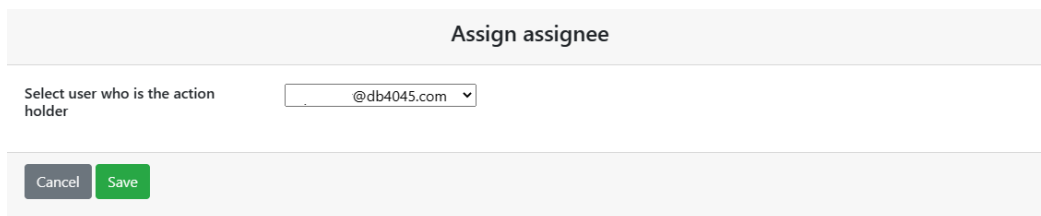
To edit the status of the ticket click on current status. This opens a dropdown box with statuses which can be selected. Click on the new status and this status is automatically saved.



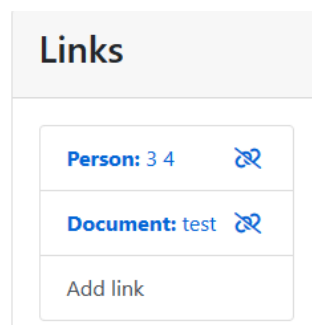
To change the assignee click on the blue link with the text *change assignee*.



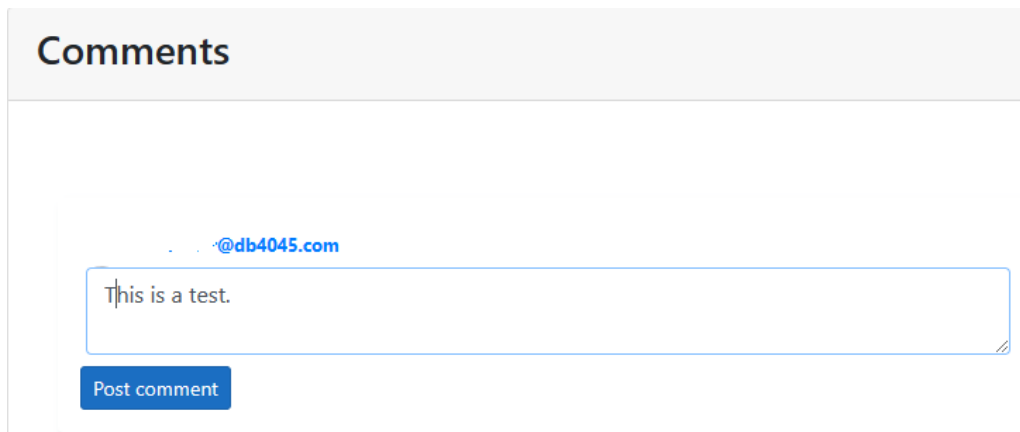
This opens a new page with a drop down list with all the users. Select the user which is the new assignee and click on *save*. To exit the edit mode click on *cancel*.



To add a link go to the link area of the details page. Here is a text box with the text *Add link*. Type here the name of the document or person. A list is created and click on the applicable object. The names shown consists of two parts: the type of object and the object name.

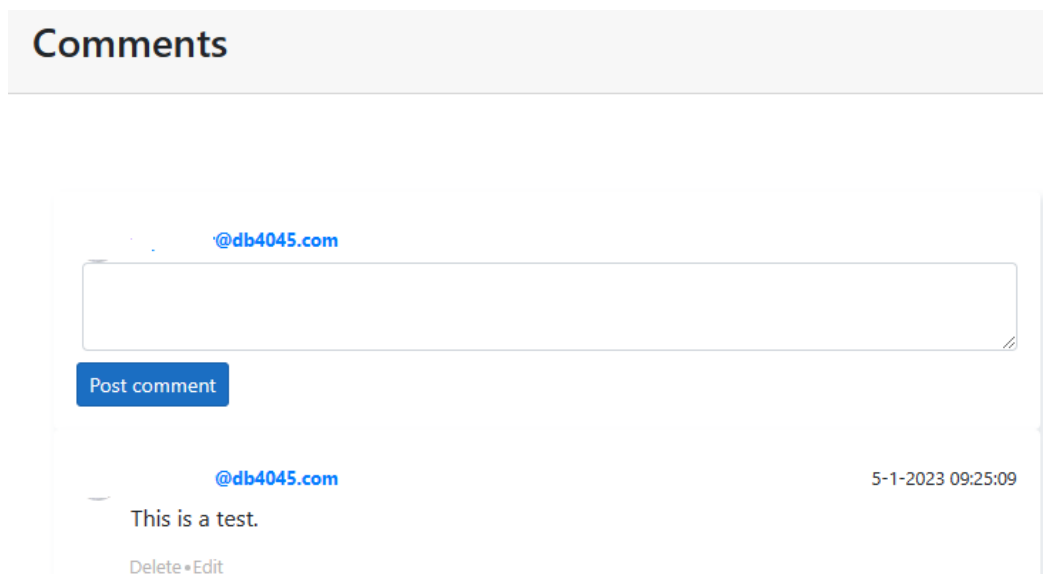


To add a comment go to the empty comment and type the text. Click on *Post comment* to post the comment. To enlarge the input area drag the right hand lower corner.



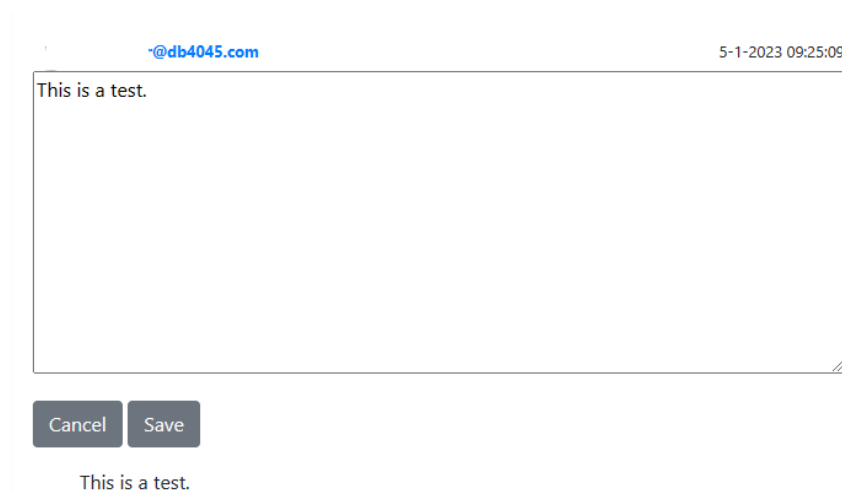
The screenshot shows a 'Comments' header in a light gray box. Below it is a white comment box. At the top of the box is a small profile icon and the text '@db4045.com'. Inside the box is a text input field containing 'This is a test.' with a cursor at the end. Below the input field is a blue button labeled 'Post comment'. The bottom right corner of the input field has a small handle icon for resizing.

To edit the comment click on the small *Edit* button below the comment.



The screenshot shows the 'Comments' section with a single comment. The comment box has the same header as the previous one. The input field contains 'This is a test.' and the blue 'Post comment' button is visible. Below the comment box, there is a small 'Delete • Edit' link. To the right of the comment, the date and time '5-1-2023 09:25:09' are displayed.

This opens a input area in which the text can be edited. Click on *save* to save the edited text or on *cancel* to end the edit operation.



The screenshot shows the comment from the previous image in an edit mode. The input field is larger and contains 'This is a test.'. Below the input field are two buttons: 'Cancel' and 'Save'. Below the buttons, the original text 'This is a test.' is displayed. The header and date/time information remain the same.

9.5.5.Delete

To delete a ticket go to the webpage which lists all the tickets. On the right hand side for each ticket a bin icon is shown. Click on the bin icon belonging to the ticket which has to be deleted.

Id	Title	Action holder (assignee)	Actions
#9	asd	Pending information	 @db4045.com
#6	test	For information	 @db4045.com

This opens a page which asks if you are sure to delete the ticket. Click on *delete* to delete the ticket. Click on *cancel* to end the delete operation.

Delete asd

The ticket which you want to delete has the following title:
asd

Are you sure?
Deleting this cannot be undone!

Cancel

Delete

When a ticket is deleted all the corresponding comments are automatically deleted.

If a ticket is deleted which still has links the warning below is shown. First all links have to be manually removed.

Delete test

Delete is not possible
The ticket still has relations in the Database. Check the following items which could be related to the ticket:
- Events
- Persons
- Documents

Cancel

To delete a comment click on the word *delete* below the corresponding comment. This opens the page below. Click on *delete* to delete the ticket or *cancel* to end the delete operation. To prevent discussions being broken from deleted comments this operation can only be performed by the users which have the applicable permission.

Delete comment

The comment which you want to delete has the following text:
This is a test.

Are you sure?
Deleting this cannot be undone!

Cancel

Delete

10. Diagrams

T.b.d.

11. Management

Some information can be entered by two people in different ways but meaning the same (for example Holland / The Netherlands). To prevent this as much as possible dropdownlists are used at some input boxes. To alter this dropdownlists go to the Management menu on the left hand side. When you click on this all the subjects which are used as dropdownlist are listed.

IMPORTANT!

To prevent really long lists it is the advice to be critical in adding new items to the dropdownlists. Make sure you have consistent and logical items in these dropdownlists and prevent duplication.

11.1. Available dropdownlists

The table below lists all the dropdownlists which can be edited with an short description.

Accident types	
Branches	The type of branches an military or organisation has. F.e. army, air-force, navy. Non military branches can also be added, for example resistance or civilian.
Causes of death	An cause of death of an person.
Copyright types	An type of copyright with an corresponding description or link to an description. This is used to indicate what type of copyright is applicable to an document.
Countries	An country (for example Great Britain, The Netherlands).
Decorations	An decoration an soldier or person can receive (for example Medal of Honor).
Document bundles	Some documents are part of an collection of documents. To keep this link between these documents it is possible to add these to an document bundle. In this page it is possible to create, edit and delete bundles.
Document types	Type of an document (for example birth certificate, death certificate).
Flexible event types	In the software an standard list of events is available. If an certain event is not mentioned in this list it is possible to create an event with the specific name using an flexible event type. In this list it is possible to create, edit or delete flexible event types.
Ranks	The rank of an soldier (for example General).
Religions	An religion (for example Christianity).
Religious events	An religious event (for example baptism, wedding).
Units	An military unit. For example an army, army corps name or an certain platoon.
Vehicle types	Type of vehicle. These can be made very specific or kept general.

11.2.Create

To create an new dropdownlist item click on *Management* in the left handside menu. After this click on the applicable subject. This opens the list with items related to this subject. Go to the bottom of the list and click on *Create new*.

This opens an window to enter the needed information. Click on *Save* to save the information or *Cancel* to end the operation.

IMPORTANT!

To prevent really long lists it is the advice to be crittial in adding new items to the dropdownlists. Make sure you have consistent and logical items in these dropdownlists and prevent duplication.

11.3.Edit

To edit an dropdownlist item click on *Management* in the left handside menu. After this click on the applicable subject. This opens the list with items related to this subject. Find the item you want to edit and click on the *Edit* button. This opens an window with the information. Edit the applicable dat and click on *Save* to save the change. Click on *Cancel* to end the operation.

11.4.Delete

It is only possible to delete items which are not used anymore in any events or in other places. Not used means: not selected in the dropdownlists. To delete an dropdownlist item click on *Management* in the left handside menu. After this click on the applicable subject. This opens the list with items related to this subject. Find the item you want to edit and click on the trashbin icon. This opens an window with the question are you sure? Click on *Ok* to acknowledge.

If the delete is succesfull the messeage below is shown stating the item deleted.

localhost:44394 vertelt

Successfully deleted

Deleted cause of death: Killed_in_action

OK

If the item is still used somewhere an message is shown which states that an error occurred. This message also shows where the item is still used.

localhost:44394 vertelt

Error while deleting

Cause of death is used in the following events:
- Henk Henk -> event Death (1-1-0001 00:00:00)

OK

11.5. Analysis tools

Analysis tools are used to help the user list certain information. To enter the page which lists all the tools click on “Tools” in the menu on the left handside. After this click click on Analysis. The following analysis tools are available:

- Minimum years passed check
- Visit counter persons
- Approval document filtering
- Copyright document filtering

See chapter 16 for more information regarding the specific tools.

11.6. Documents cleanup

When someone deletes an document the document is not really deleted. The reason for this is to prevent accidental deletion of files uploaded to the document.

Name	Document Type	Actions
test1	Pleas select an document_type.	
test3	Pleas select an document_type.	
test	Pleas select an document_type.	
testdocument	Pleas select an document_type.	

Delete

Delete the following document and if available the corresponding file:

test1

Of the following type:

Pleas select an document_type.

Is an file uploaded and linked to this file?

Yes, this file will also be deleted.

Are you sure?

Deleting this cannot be undone!

Cancel

Delete

11.7.Export

T.b.d.

11.8.Kiosk

To give certain information to visitors of an museum the kiosk view is available. In this view the software supports access for visitors, through for example an tablet. For this to work an tablet and kiosk software is needed. The kiosk view shows the visitor an selection of person in the database and an simple view without all the links to background information.

IMPORTANT!

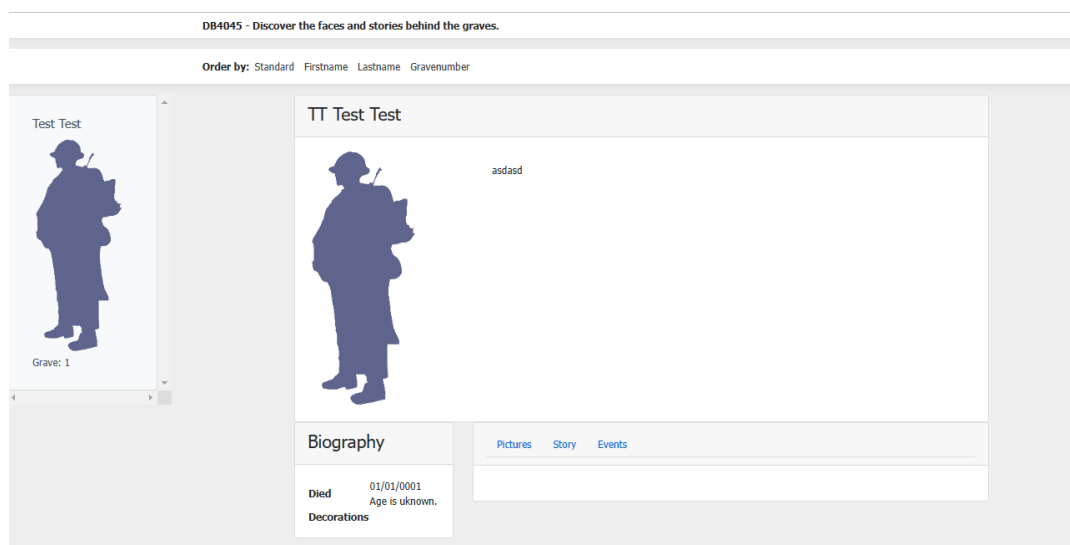
To prevent users entering other websites or other areas in the software they are not allowed an kiosk software program is needed to display the DB4045 website. The DB4045 software does not have an full kiosk functionality which prevents users from entering other pages or websites.

11.8.1. Description kiosk view

On the left side an scroll menu is given. When click on the person the page corresponding to this person opens. The page is an simpler version of the person detail page. It is not possible to click to other pages. For example: It is not possible to click on the event detail page from the events timeline.

The page shows the following elements:

- Profile picture
- Short story
- Biography
- Various tabs with:
 - List off all pictures
 - Longstory
 - Events overview



11.8.2. Adding persons to the kiosk

To add an person to the list presented in the kiosk go to the persons list and click on the pencil. This opens the details page of the person.

Nationality	France
Rank	Not applicable
Unit	Not applicable
ShortStory	A short description of the person and his life.
LongStory	A long detailed description of the person and his life and all events which happened in his life.
VisibleKiosk	☒
VisiblePublic	☐

Cancel

Save

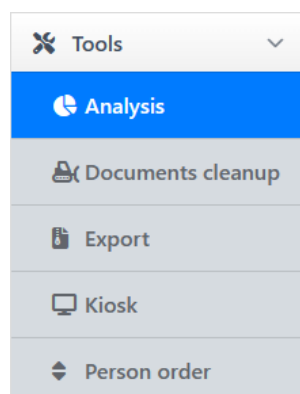
At the bottom of the page two options are given:

- VisibleKiosk
- VisiblePublic (not implemented yet)

To add the person to the kiosk view check the checkbox and click on *save*.

11.8.3. Starting kiosk view

To start the kiosk view go to the menu on the left side and click on *Tools*. After this click on *Kiosk*. This opens the kiosk view.



After this start the kiosk mode. This is not included in this manual because it depends on the used software.

11.8.4. Stopping kiosk view

To leave the kiosk mode use the web browser previous page button.

11.8.5. Changing order of kiosk view list

In practice visitors shall mainly visit the detail pages of the first view persons in the list and not all scroll down. To give all person equal attention the order in which the persons are presented in the list can be changed.

To change the order go to the person list page. Click on the arrows at an person to move it up or down the list.

Search				Create new	
	Id	Firstname	Lastname	Grave number	Index
	1	test	test	1	    
First 1 Last					

12. Information

12.1.About

This page is the about page regarding the software tool. It is used as an general description of the goals of the software.

To edit this page use an text editor (for example Notepad++) to edit the file. The new text is automatically loaded after saving the changes. To view the changes reload the page.

12.2.Contact

This page shows the following contact details:

- Contact name
- Emailaddress
- Phonenumber

The contact information is edited at the general settingspage (see chapter 13.1).

12.3.Manual

This page has references to the manual and the manual regarding markdown.

To edit this page use an text editor (for example Notepad++) to edit the file. The new text is automatically loaded after saving the changes. To view the changes reload the page.

12.4.Markdown

This page gives an introduction to markdown. First an reference is made to the basic manual. The markdown used in this software is slightly altered to include new functionalities. These functionalities are described on this page.

To edit this page use an text editor (for example Notepad++) to edit the file. The new text is automatically loaded after saving the changes. To view the changes reload the page.

12.5.Privacy

This page shows the privacy statement of the website.

To edit this page use an text editor (for example Notepad++) to edit the file. The new text is automatically loaded after saving the changes. To view the changes reload the page.

13. Settings

13.1. General settings

The following general settings are available:

- Minimum years passed check value:
 - This value is used for the check if certain events are far enough in the passed. More about setting this value is described in chapter 16.1.
- Contact phone:
 - Possible to fill in the phone number who anonymous people can use to contact the website administrator.
- Contact email:
 - Possible to fill in the email address who anonymous people can use to contact the website administrator.
- Contact Name:
 - Possible to fill in the name of the contact person who anonymous people can contact.
- Homepage text:
 - This is the text that is displayed when opening the homepage. Markdown can be used to change the appearance of the text.

Key	Value	
MinimumYearsPassedCheckValue	70	edit
ContactPhone		edit
ContactEmail		edit
ContactName		edit
HomepageText	# Welcome to Faces to Graves This homepage can be changed by an administrator. Goto Settings -> SiteSettings -> HomepageText ## Markdown This site has support for markdown format. [Click here for markdown manual](https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet)	edit

13.2.Languages

Functionality not yet implemented.

13.3.News

To share news with the users of the DB4045 software an news item can be added. An newsitem has an title and an text.

sdfsdf

Textlastchanged: 5-2-2023 17:25:10

sdfsdf

Cancel

13.3.1. Create

To create an new news item go to the left side menu and click on *Settings* and after this click on *News*. This opens the page which lists all news items. Click at the bottom on *Create new*. This opens the text box below. Add the title and the text of the news item. Click on *Save* to create the new news items. To leave the window click on *Cancel*.

Edit the newsitem

Title

sdfsdf

Text of the newsitem

sdfsdf

CancelSave

13.3.2. Edit

To edit an new news item go to the left side menu and click on *Settings* and after this click on *News*. This opens the page which lists all news items. Click on the pencil icon at the corresponding news item. Make the applicable changes to the title and the text of the news item. Click on *Save* to create the new news items. To leave the window click on *Cancel*.

13.3.3. Delete

To delete an new news item go to the left side menu and click on *Settings* and after this click on *News*. This opens the page which lists all news items. Click on the trashbin icon at the corresponding news item. This opens an window as shown below. To delete the item click on *Delete*. To leave the window click on *Cancel*.

Delete

Delete the following newsitem:
sdfsdf

Of the following type:
sdfsdf

Of the following date:
5-2-2023 17:25:10

Are you sure?
Deleting this cannot be undone!

Cancel

Delete

13.4.Roles

Roles are used to define an certain collection of permissions. An user is assigned certain role of roles to control what the user can and cannot do within the software.

13.4.1. Create

To create an new role click on *Create new*. This opens an new window. First give the name of the new role and select the applicable permissions. Click on *Save* to create the new role. Click on *Cancel* to end this operation.

Name	
------	----------------------

Permission	Status
P.Ticket.Read	☐
P.Ticket.Write	☐
P.Ticket.Delete	☐
P.Ticket.CommentDelete	☐
P.Event.Read	☐
P.Event.Write	☐
P.Event.Delete	☐
P.Person.Read	☐
P.Person.Write	☐
P.Person.Delete	☐
P.Settings.AdminRead	☐
P.Settings.AdminWrite	☐
P.Settings.AdminDelete	☐
P.Settings.ModRead	☐
P.Settings.ModWrite	☐
P.Settings.ModDelete	☐
P.Settings.ResearcherRead	☐
P.Documents.Read	☐
P.Documents.Write	☐
P.Documents.Delete	☐
P.Documents.ViewCopyright	☐
P.Export.Download	☐
P.File.Upload	☐
P.File.Delete	☐
P.Analysistools.Read	☐

13.4.2. Edit

To edit an role click on *edit* on the applicable role. This opens an window. In this window the name of the applicable permissions can be changed. Click on *Save* to save the changes. Click on *Cancel* to end this operation.

Role	Id	Actions
Viewers	1	edit
Moderators	2	edit
Administrator	3	edit
Researchers	4	edit

[Create new](#)

13.4.3. Delete

Not implemented.

13.5. Rules and tips

At some edit and create pages an link is available to the rules and tips page. The goal of this page is to give the researcher rules and tips regarding the use and adding information to the database. To prevent that data is added to the database which is not allowed to be added the user has to be informed regarding the applicable rules. For this the rules and tips list is used.

Three different rules and tips are identified:

- Rules have to be obeyed to (f.e. information forbidden to add to the database).
- Guidelines are for guidance using the database. (f.e. conventions about adding information).
- Tips and tricks are as help for the research (f.e. handy sources or how to use a search engine a smart way).

Rules have to be obeyed to (f.e. information forbidden to add to the database).

Guidelines are for guidance using the database. (f.e. conventions about adding information).

Tips and tricks are as help for the research (f.e. handy sources or how to use a search engine a smart way).

Text	Type	Actions
asdasdasd	Rule	 

[Create new](#)

13.5.1. Create

To create an new rule and hint click on *Settings* in the left hand side menu. Click after this on *Rules and tips*. This opens the list with all the rules and tips. Click after this on *Create new* at the bottom of the page. This opens the page. Type the text and choose the regulation type. Click on *Save* to create the new item or *Cancel* to end the operation.

Edit the rules and guidelines

Rules have to be obeyed to (f.e. information forbidden to add to the database).

Guidelines are for guidance using the database. (f.e. conventions about adding information).

Tips and tricks are as help for the research (f.e. handy sources or how to use a search engine a smart way).

Make sure this is an easy to use overview with short and clear statements. Try to add not to much items as this does not help an easy overview.

Text of the rule, guideline or tip

Regulation type

Rule

Cancel

Save

13.5.2. Edit

To edit the rule and hint items navigate to the list and click on the pencil icon of the applicable item. This opens the page which enables editing the item. Click on *Save* to save the changes or *Cancel* to end the edit operation.

13.5.3. Delete

To delete an item navigate to the list and click on the trash-bin icon of the applicable item. This opens an window which asks if you are sure to delete the item. Click on *Delete* to delete the item or *Cancel* to end the operation.

Delete

Delete the following regulation:
asdasdasdasd

Of the following type:
Rule

Are you sure?
Deleting this cannot be undone!

Cancel

Delete

13.6. Ticket status

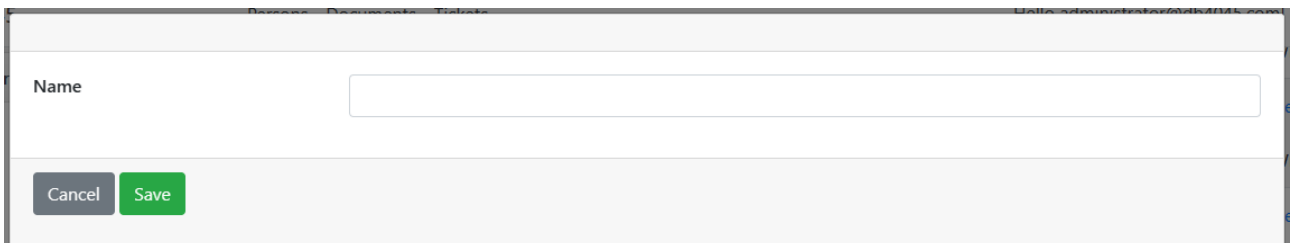
The ticket status indicates the status of an ticket.

Name	Actions
Todo	edit 
In progress	edit 
Need help	edit 
Pending information	edit 
For information	edit 
Done	edit 
Cancelled	edit 

[Create new](#)

13.6.1. Create

To create an new ticket status click on the *Create new* button at the bottom of the page. This opens an new window. Type the name of the ticket status. Click on *Save* to save the ticketstatus. Click on *Cancel* to end this operation.



The screenshot shows a modal dialog box for creating a new ticket status. It has a title bar with 'New - Create Ticket' on the left and 'Data Science Ticket Management' on the right. The main area contains a label 'Name' followed by a text input field. At the bottom, there are two buttons: 'Cancel' (grey) and 'Save' (green).

13.6.2. Edit

To edit an ticket status click on the *edit* button at the applicable status. This opens an new window. Change the ticket status name and click on *save* to save the status. Click on *Cancel* to end the operation.

Todo	
Name	Todo
Cancel	Save

13.6.3. Delete

IMPORTANT!

Do not delete the standard ticketstatus. This may corrupt the functionality. The standard ticket status are shown below.

To delete an ticket status click on the trashbin symbol. This opens an messagebox which asks if you are sure you want to delete the status. If you re sure click on ok. If the delete operation is succesfull an messagebox will appear stating an succesfull delete. If the delete operation was not succesfull an messagebox will appear which states the error.

13.7.Users

To create new users and assign roles click on *Settings* in the leftside menu. After this click on *Users*. This opens the window which lists all the users.

User	Id	Actions
superuser@db4045.com	superuser@db4045.com	edit
B@B.nl	B@B.nl	edit
A@A.NL	A@A.NL	edit
kioskviewer@db4045.com	kioskviewer@db4045.com	edit

[Create new](#)

IMPORTANT!

When the DB4045 is first installed only the administrator account is available. This account has the following default password:

cZmgtBQmUj22H,tDQ?+m

This password must be changed as soon as possible because other people can login into the software and have all permissions. To change this password see chapter 13.7.2.

13.7.1. Create

To create an user go to the page which lists all the users and click on *Create new*. This opens an new window in which the username and email are needed. Also an password is given. This password is only visible once, save this password and communicate this together with the username and email to the person using the account. This person must reset his password after receiving his login details.

IMPORTANT!

The following rule(s) must be applied:

- Only use an dedicated emailaddress for registering the account. The email address must not be used for other purposes.
- Advise the user to register an strong password.

The role of the person is also set. After this click on *Save* to create the account or *Cancel* to end the operation.

Username	
Email	
Password	 CgBUwpTH1j4xr0e
This password can't be retrieved after you close this window!	
Role	Status
Viewers	☐
Administrator	☐
Researchers	☐
Moderators	☐
Cancel Save	

13.7.2. Edit and reset password

To edit the role or reset the password navigate to the page which lists all the users. Click on *Edit* at the applicable user. Change the applicable information.

To reset the password click on the reset symbol on the right of the password textbox. This shows the new password. Follow the procedure and guidelines given in the create user chapter to communicate this password to the user.

Click on *Save* to save the changes and on *Cancel* to end the operation.

B@B.nl

Username

B@B.nl

Email

B@B.nl

Password



This password can't be retrieved after you close this window!

Role	Status
Viewers	☐
Administrator	☐
Researchers	☒
Moderators	☐

Cancel

Save

13.7.3. Delete

See chapter 14.1.4.

14. User

14.1. My account

At the my account page the user account is managed. The page gives the following sub-pages:

- Profile
- Email
- Password
- Personal data

14.1.1. Profile

At this page the username can be changed. To change the username type an new username and click on *save*.

Manage your account

Change your account settings

[Profile](#)
[Email](#)
[Password](#)
[Personal data](#)

Profile

Username

14.1.2. Email

At this page the email can be changed. To change the email type an new email address and click on the *change email* button.

Manage your account

Change your account settings

Profile

Email

Password

Personal data

Manage Email

Email

administrator@db4045.com



New email

administrator@db4045.com

Change email

14.1.3. Password

At this page the password can be changed. To change the password first give the current password. After this type twice the new password and click on *Update password*.

Manage your account

Change your account settings

Profile

Email

Password

Personal data

Change password

Current password

New password

Confirm new password

Update password

14.1.4. Personal data

At this page the personal data which is stored on the server can be downloaded. It is also possible to delete the user account.

To download the personal data click on the *Download* button.

To delete the user account click on *Delete* button.

IMPORTANT!

After deleting the account it is not possible to retrieve the information. Also data coupled to this account will not be visible anymore. An example of this are files coupled to the documents. If an account is deleted it is not possible any more to see who uploaded the file.

Manage your account

Change your account settings

Profile	Personal Data
Email	Your account contains personal data that you have given us. This page allows you to download or delete that data.
Password	
Personal data	Deleting this data will permanently remove your account, and this cannot be recovered.
	Download
	Delete

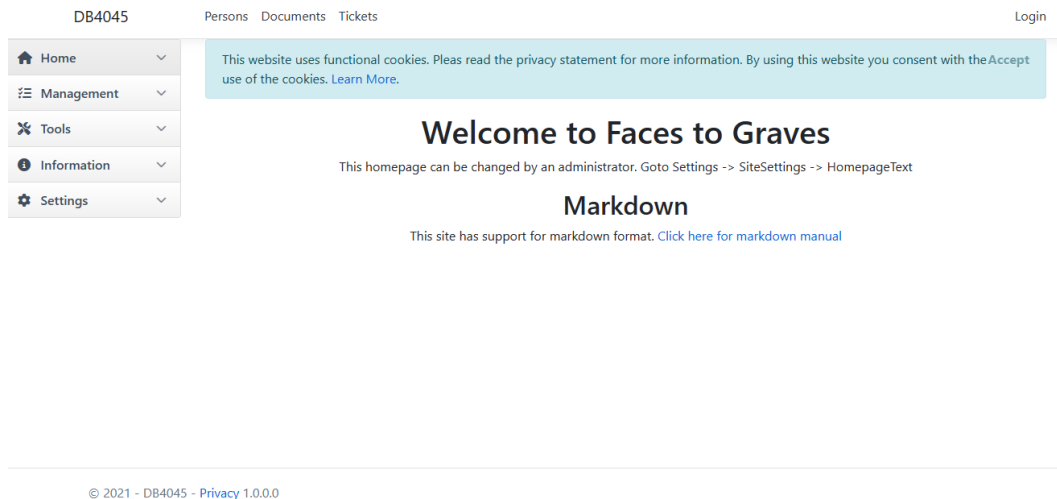
14.2. My Tickets

The page *My tickets* shows the tickets which are assigned to you. The tickets are ordered first by status and then by creation date (descending). See for more information about assigning tickets chapter 9.5. By clicking on the eye or the ID number the ticket is accessed.

15. Other

15.1.Cookies

The website uses functional cookies. They have to be accepted for using the website. When the cookies have not been accepted the warning below is shown. By clicking on *Learn more* the user is directed to the privacy page.



16. Analysis tools

To enter the analysis tools click on the *Tools* menu on the side menu. After this choose *Analysis*. This opens the page with all the links to the tools.

16.1. Minimum years passed check

The goal of the minimum years passed check is to easily identify birth and death events which are entered which are not the set minimum amount of years in the passed. To set the minimum amount of years go to side menu and click on *Settings* and after that *General settings*. This opens the page with the general settings. The minimum years passed is shown below.

Key	Value	
MinimumYearsPassedCheckValue	70	edit

To change the amount of years click on edit. This opens an edit screen. Change the value to the desired value and click on *save* to save the file. Determine the value and add 1 to it to be on be safe side. Click on *cancel* to end the edit operation.

MinimumYearsPassedCheckValue

Value

70

Cancel

Save

When an birth or death event is entered which is not far enough in the past this is shown in the timeline of the person with an red warning.

EventsStoryTicketsDocumentsPictures

Birth

01-01-2000

PRIVACY WARNING READ ME

Create new

When clicked on this warning the page below is opened.

Warning

The years between the birth or death of the person and the current time is not passed the set minimum value. This could lead to privacy issues. Pleas remove the information and contact your moderator or administrator.

To show all the persons which have death or birth events which do not comply with the minimum years passed warning go to *Tools* on the side menu and choose *Analysis* after this. Choose the *Minimum years passed check* tool by click on the applicable *Analyse* button. This opens te tool which shows all the persons which have an event which does not compy. By click on the eye the details page of the person is openend.

This page shows all the persons which have an death or birth event which is not beyond the set minimum amount of years.

This could lead to privacy issues.

Pleas remove the information and contact your moderator or administrator.

Order by: Standard Firstname Lastname Gravenumber



16.2. Visits counter person

The *Visits counter person* tool shows all for all the persons the visits which have been made by the different viewers. It also shows the total amount of views. Click on the button *Analyse* at the description of the tool to enter the tool. The counter shows for each person:

- The amount of visits made by the researchers.
- The amount of visits made by the viewer (kiosk).
- The amount of visits made by public visitors (function not implemented yet).
- The total amount of visits.

For each column the total amount is added and shown at the bottom of the table.

Person ID		Gravenumber	FirstName	Lastname	Amount of research visitors	Amount of viewer (kiosk) visitors	Amount of public visitors	Total amount of visitors
1		1	3	4	8	2	0	10
2		4	6	7	2	2	0	4
Total:					10	4	0	14

By clicking on the eye the detail page of the person can be visited.

16.3. Approval document status filtering

This tool allows filtering the documents on the approval status. To filter the list on a specific approval document status click on one of the blue links. To navigate to the applicable document click on the ID number or on the eye icon.

Filter by:				
Complete list	Not applicable	Unknown	Approval pending	See copyright
Document ID	Document name	Approval status	Approval reference	Actions
#1	asdasdasd	Not_applicable		
#2	test1	Not_applicable		
#3	asdsad	Not_applicable		
#4	geboorte certificaat	Not_applicable		
#5	foto henk	Not_applicable		

16.4.Copyright document status filtering

This tool filters the document based on the copyright status. To filter the list on a specific copyright document status click on one of the blue links. To navigate to the applicable document click on the ID number or on the eye icon.

Filter by:				
Complete list	Unknown	Not applicable	Applicable	
Document ID	Document name	Copyright status	Copyright reference	Actions
#1	asdasdasd	Unknown	Castle.Proxies.CopyrightTypeProxy	
#2	test1	Unknown	Castle.Proxies.CopyrightTypeProxy	
#3	asdsad	Unknown	Castle.Proxies.CopyrightTypeProxy	
#4	geboorte certificaat	Unknown	Castle.Proxies.CopyrightTypeProxy	
#5	foto henk	Unknown	Castle.Proxies.CopyrightTypeProxy	

17. Source code description

T.b.d.