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TOLL MANAGER

User documentation

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Big pictures

The screenshot displays the 'Toll Manager' web application. The interface includes a top navigation bar with a 'Logout button' and a 'Logout' link. Below this is a search bar and a 'Panel selector' with tabs for 'Employees' and 'Planning'. A left sidebar lists a hierarchy of teams and managers, including 'managers', 'john doe', 'root team a', and 'root team b'. The main content area features a dark blue header with the 'Toll Manager' logo. Below the header, there are form sections for 'Identity', 'Address', and 'Contact'. The 'Identity' section includes fields for Name, Forename, Birthday, and Niss. The 'Address' section includes fields for Street, Number, City, Zip code, and Country. The 'Contact' section includes an Email field. At the bottom of the form, there are buttons for 'Type' (employee) and 'Team' (Team selection). A 'Main Panel' is located at the bottom of the form area. A 'Sort selector' is located at the bottom left, and a 'Buttons control' with '-' 'edit' and '+' buttons is at the bottom right.

search

Search Box

Employees

Planning

Panel selector

Logout button

Logout

Teams

- managers
 - john doe
- managers
 - john doe
- root team a
 - charle bertrand
 - ellen must
 - kurts jhonny
 - meness pierre
- root team b
 - charle bertrand
 - rouly susan
 - sub team 1
 - sub team 2

Toll Manager

Identity:

Name

Forename

Birthday

Niss

Address:

Street: **Number:**

City: **Zip code:**

Country:

Contact:

Email:

Team panel

Type Team :

Main Panel

Sort selector

All in one

Buttons control

- edit +

picture 1 main panel

Logout

search

Teams

managers

john doe

managers

john doe

root team a

charle bertrand

ellen must

kurts jhonny

meness pierre

root team b

charle bertrand

rouly susan

sub team 1

sub team 2

All in one

-

edit

+

Employees

Planning

Toll Manager

Day selector

OCTOBER

Control Panel

	SUNDAY 13	MONDAY 14	TUESDAY 15	WEDNESDAY 16	THURSDAY 17	FRIDAY 18	SATURDAY 19
00h00							
01h00							
02h00							
03h00							
04h00							
05h00							
06h00							
07h00							
08h00							
09h00							
10h00							
11h00							
12h00							
13h00							
14h00							
15h00							
16h00							
17h00							
18h00							
19h00							
20h00							
21h00							
22h00							
23h00							

picture 2 panel planning

Authorization management

They are 3 kind of user account:

- Team leader
- Manager
- Administrator

Team leader

A team leader has for responsibility his teams (teams attributed by a manager), his role is to manage planning and team management for his employee where he has authority in work.

Roles

- Create, edit or remove sub team
- Arrange employee between his team
- Create, edit or remove planning

Limitation

- You cannot create main team, only sub team.
- You cannot delete a main team, only sub team
- You cannot create, edit or remove employee
- You cannot remove an employee from a main team

Manager

A manager has all rules of a team leader with the possibility to create edit and remove employee and main team.

Roles

- Create, edit or delete employee, team leader and manager

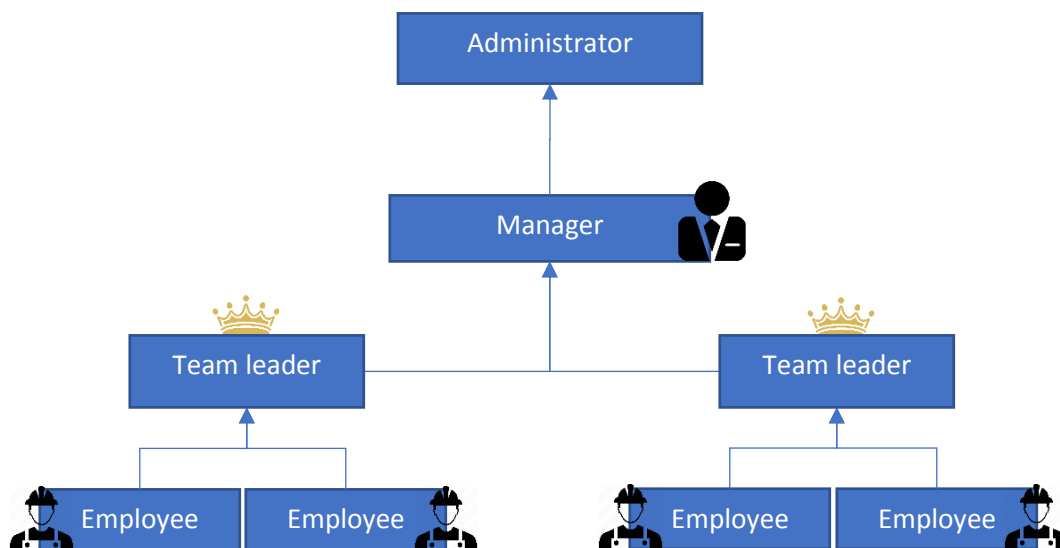
- Create, edit or delete main team
- Assign a leader to a team
- Assign employee to teams

Limitation

- Remove an employee from team if he hasn't team (dangling employee)
- Delete other managers and himself
- Delete or edit administrator

Administrator

An administrator has all rules, he can do everything except one thing delete himself, For the whole application there is only one administrator account.

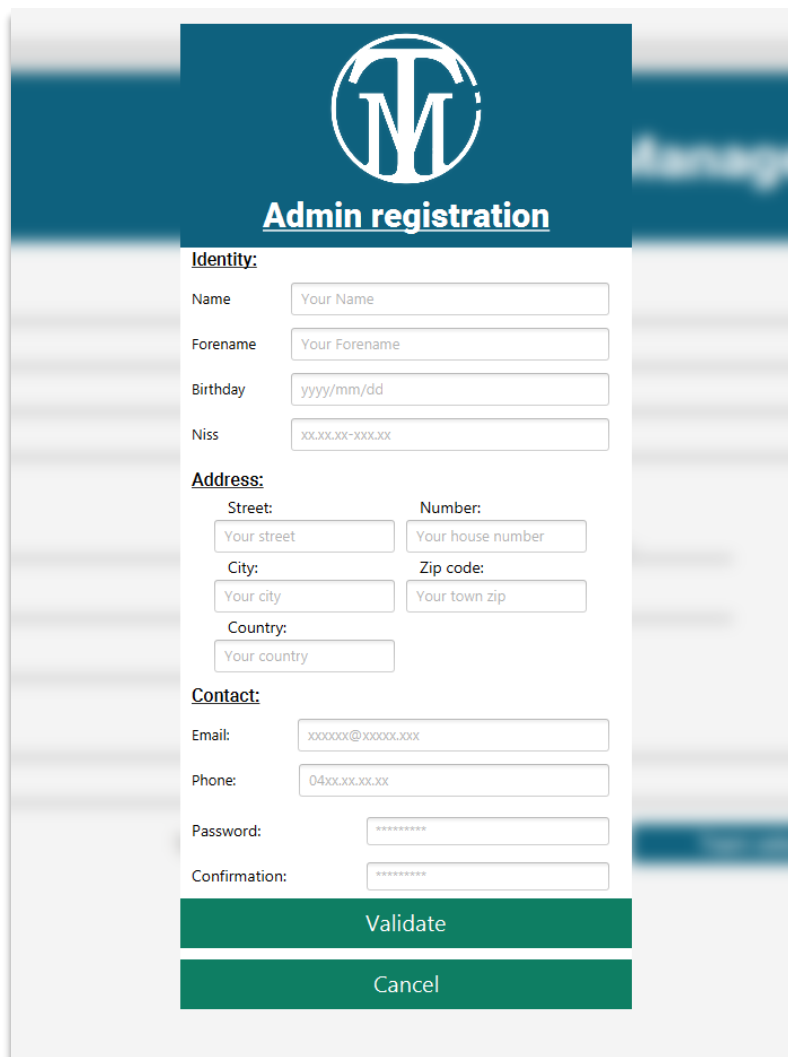


picture 3 organizational chart

Application launch

First launch

When the application is launched for the first time, the administrator form appears, you need to fill it.



Admin registration

Identity:

Name:

Forename:

Birthday:

Niss:

Address:

Street: Number:

City: Zip code:

Country:

Contact:

Email:

Phone:

Password:

Confirmation:

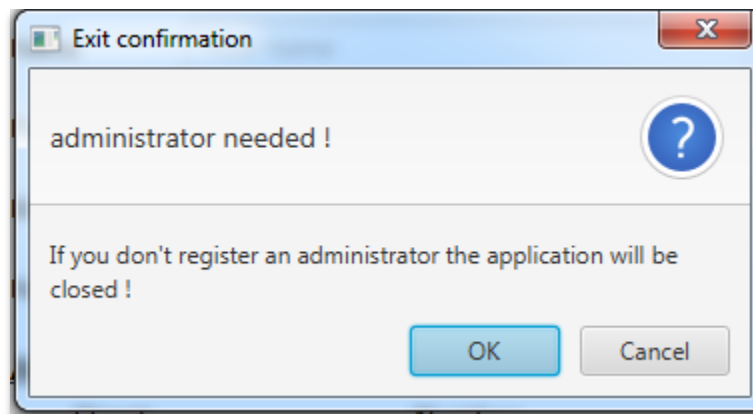
Validate

Cancel

picture 4 the administrator form

When the form is filled correctly the application will be initialized for the first launch and you can sign in with the account *admin* and the password you chosen in the form.

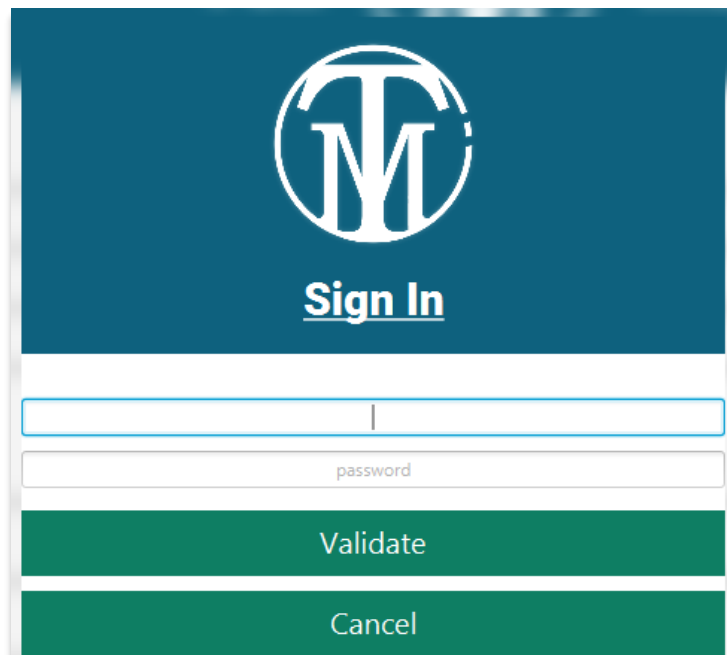
If you don't fill the administrator form then the application cannot be launched, an information popup indicated that.



picture 5 exit administrator form confirmation

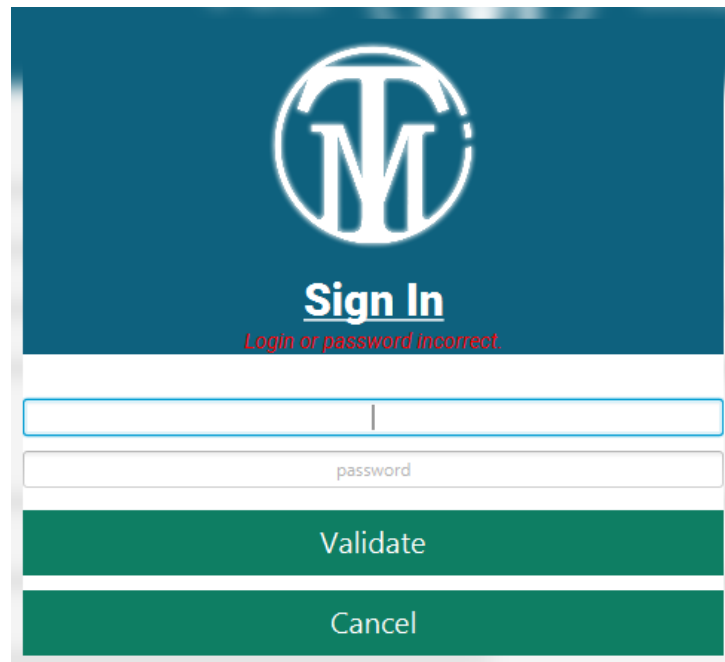
Authentication

When the application is correctly initialized then the sign in form appears.

A sign-in form with a dark blue header. The header contains a white circular logo with the letters "TM" and the text "Sign In" in white. Below the header is a white input field with a vertical line in the center. Underneath is a grey input field with the placeholder text "password". At the bottom, there are two green buttons: "Validate" and "Cancel".

picture 6 sign in form

When the login or the password is incorrect then a red message will be displayed just below the title 'sign in' and fields are cleaned.



The image shows a 'Sign In' form with a dark blue header. At the top center is a white circular logo containing the letters 'TM'. Below the logo, the text 'Sign In' is displayed in white, bold font. Underneath 'Sign In', a red error message 'Login or password incorrect' is shown in a smaller font. Below the header, there are two input fields: the first is empty and has a blue border, and the second contains the placeholder text 'password' and has a grey border. At the bottom of the form are two green buttons: 'Validate' and 'Cancel'.

picture 7sign in form with error

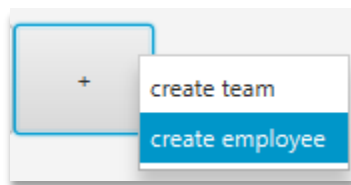
Employee management

When you are logged like a manager or administrator you can have an access to the control button panel situated at left bottom on the frame.



picture 8 control button panel

Create an employee



picture 9 create employee

When you click on “+” button, a little menu will be showed, then click on ‘*create employee*’ to unlock the creation employee form.

A form for creating an employee. It has three main sections: 'Identity' with fields for Name, Forename, Birthday, and Niss; 'Address' with fields for Street, City, Country, Number, and Zip code; and 'Contact' with fields for Email and Phone. At the bottom, there are dropdown menus for 'Type' (set to 'employee') and 'Team' (set to 'root team b'). Below these are two buttons: 'Validate' (green) and 'Cancel' (red).

picture 10 employee form unlocked

When a field is correctly filled then it becomes green, else it becomes red.

Two input fields. The first field contains the text 'doe' and has a green border. The second field contains the text '9999/99/99' and has a red border.

Some Fields that need to be unique are directly connected with the database:

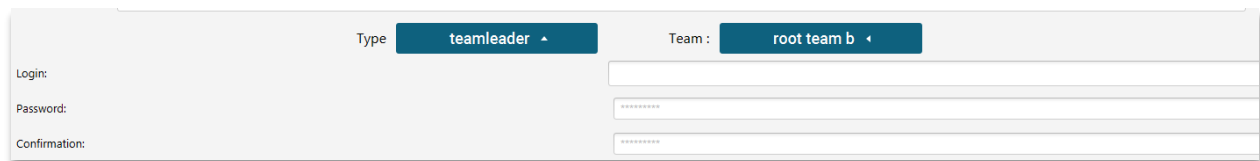
- Niss
- Email
- Phone
- Login

If the user types data already existing in the database then the field becomes red.

If one field are red the whole form becomes invalidated and you cannot register the employee.

Create a team leader or a manager

When you want to append a team leader or a manager you need to select the desired type of employee in the selected menu 'type' bottom the form, then the user form appears.



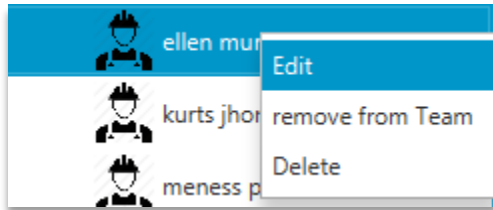
The screenshot shows a user registration form. At the top, there are two dropdown menus: 'Type' and 'Team'. The 'Type' dropdown is currently set to 'teamleader' and the 'Team' dropdown is set to 'root team b'. Below these, there are three input fields: 'Login:', 'Password:', and 'Confirmation:'. The 'Password:' and 'Confirmation:' fields are currently empty and have a small 'x' icon next to them, indicating they are required.

picture 11the user form

Assign team leader to a team

When you assign a team leader to a team, a popup ask you if you want to replace the current leader , if you valid the chosen then the old team leader stay on team but like a employee.

Edit an employee



To edit an employee, you need to do a right click on his name on the left panel and select 'edit'.

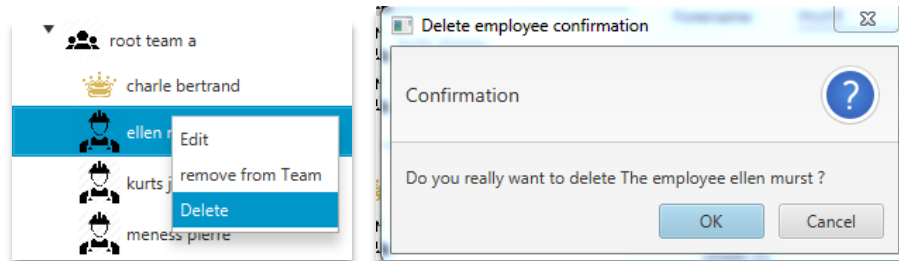
When you have clicked then the form will be filled with the employee information and becomes editable.

A screenshot of an employee edit form. The form is divided into several sections: 'Identity:', 'Address:', and 'Contact:'. The 'Identity:' section has four input fields: 'Name' (filled with 'ellen'), 'Forename' (filled with 'murst'), 'Birthday' (filled with '1999/12/12'), and 'Niss' (filled with '11.11.11-333.11'). The 'Address:' section has six input fields: 'Street:' (filled with 'street 01'), 'Number:' (filled with '12'), 'City:' (filled with 'liege'), 'Zip code:' (filled with '4000'), 'Country:' (filled with 'belgium'). The 'Contact:' section has two input fields: 'Email:' (filled with 'fakeemail@gmail.com') and 'Phone:' (filled with '0478.62.60.60'). Below the input fields, there are two dropdown menus: 'Type' (set to 'employee') and 'Team' (set to 'root team b'). At the bottom of the form, there are two buttons: 'Validate' (green) and 'Cancel' (red).

picture 12 form editable with employee information

Delete an employee

To delete an employee, you need to do a right click on his name on the left panel and select “delete”, the employee will be deleted from the application but not from the database



There are 2 cases where the employee cannot be deleted:

1. The user tries to delete himself
2. The employee to del is the administrator

Search an employee

[illegible]

picture 13searchbox

If you want to search an employee among teams where you have authorities (teams for manager and administrator) you can write the name or forename of the employee searched in the searchbox

situated on the top of the left panel.

The search box needs minimal 2 character to beginning the searching, when employees were founded then they appear below the field.

ku

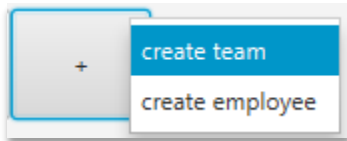
jhonny kurts

picture 14search result

Team management

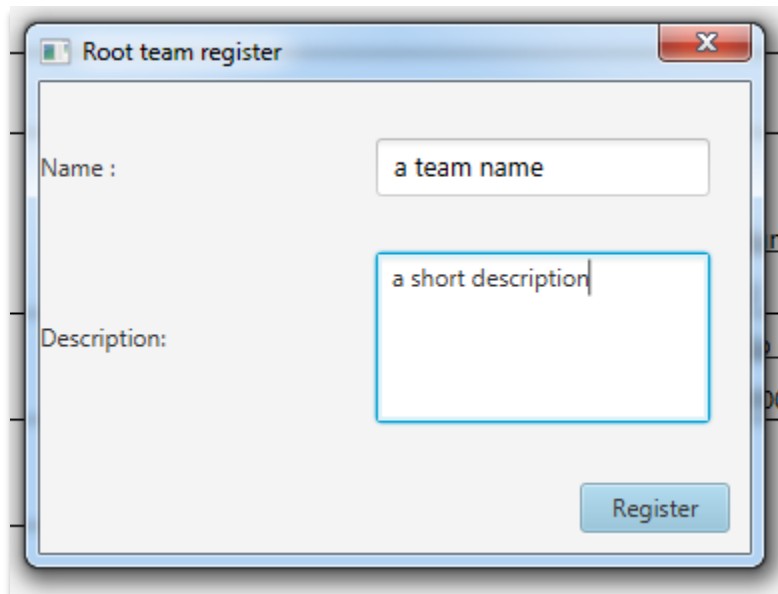
When you are logged like a manager or administrator you can have an access to the control button panel situated at left bottom on the frame.

Create a root team



picture 15 create team

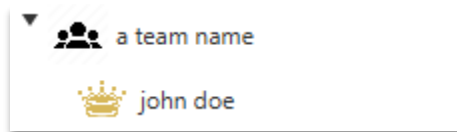
When you click on “+” button, a little menu will be showed, then click on ‘*create team*’ to show the creation team popup.

A screenshot of a 'Root team register' popup window. The window has a title bar with a close button. Inside, there are two labels: 'Name :' and 'Description:'. The 'Name :' label is next to a text input field containing 'a team name'. The 'Description:' label is next to a larger text area containing 'a short description'. At the bottom right of the form is a blue 'Register' button.

picture 16 team creation popup

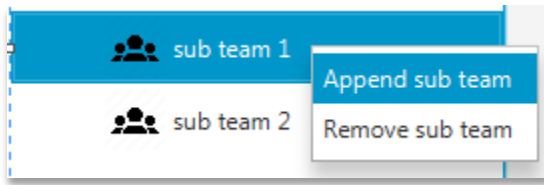
A team must have at least 3 characters length and the name must be unique.

When the team has been created then it appears on the left panel and the creator of the team (you, connected user) are the team leader.



picture 17 team created you're the leader

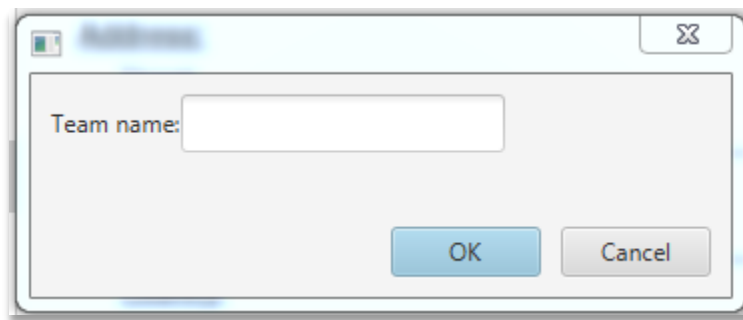
Create a sub team



picture 18 append sub team menu

To create a sub team to a main team, you need to do a right click on the team or on the sub team and select 'append sub team'

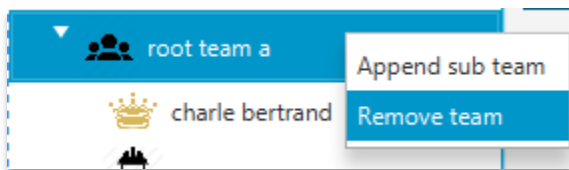
When you have clicked on the '*append sub team*' then a popup to select the name of the sub team appears



picture 19 sub team popup

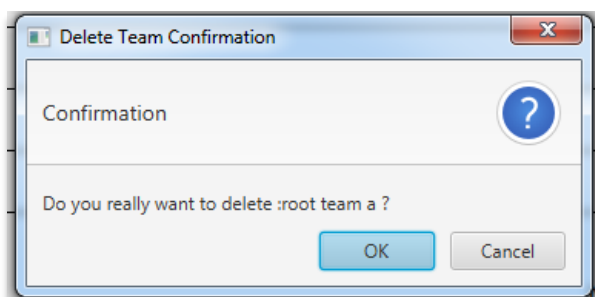
when you click on 'ok' the sub team will be appended to the parent team.

Remove a main team

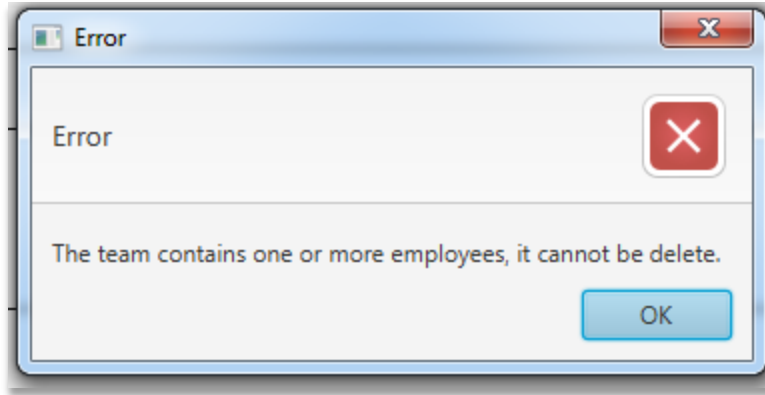


picture 20 remove team

To remove a main team, you need to do a right click on the team and select 'Remove team'.

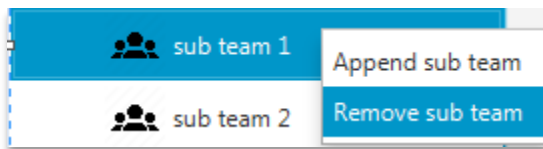


Then a confirmation popup appears, if the team contains any other member than the team leader then the team cannot be deleted, you must place employee to other team.



picture 21error delete team

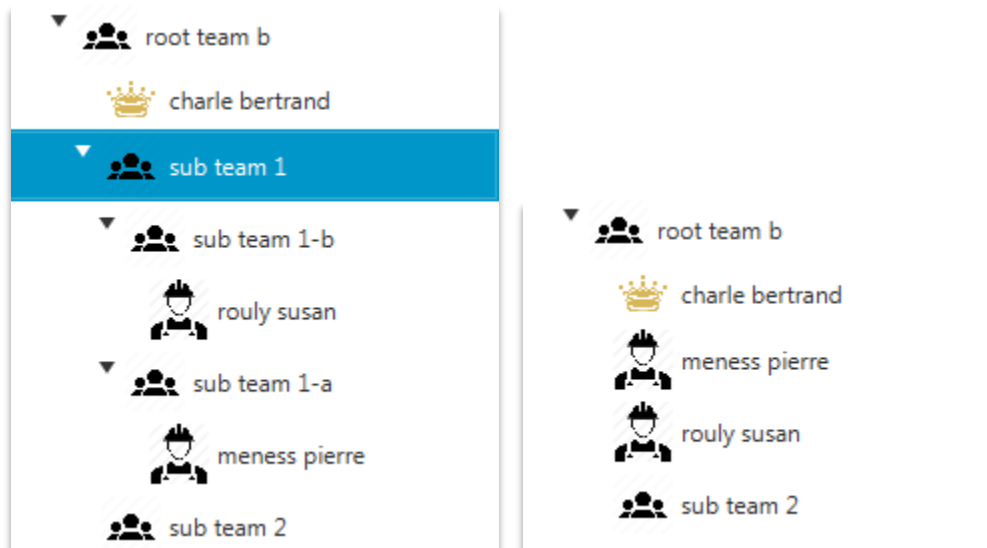
Remove a sub team



picture 22remove sub team

To remove a main team, you need to do a right click on the team and select 'Remove sub team'.

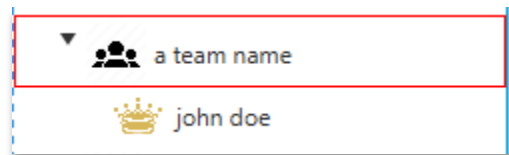
Like the main team, a popup appears to confirm, but if the sub team has employee it moves every employee to the parent team



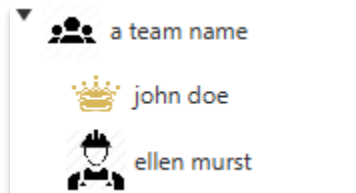
picture 23 Left before delete sub team, right after

Append employee to team

If you want to append an employee to a team, you need to click on the employee stay clicked and drag him to the team, a red rectangle confirms the employee can be append to the team.



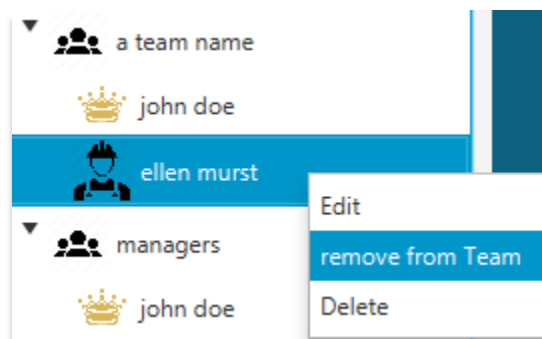
picture 24employee can be dropped here



picture 25the employee has been added the to team

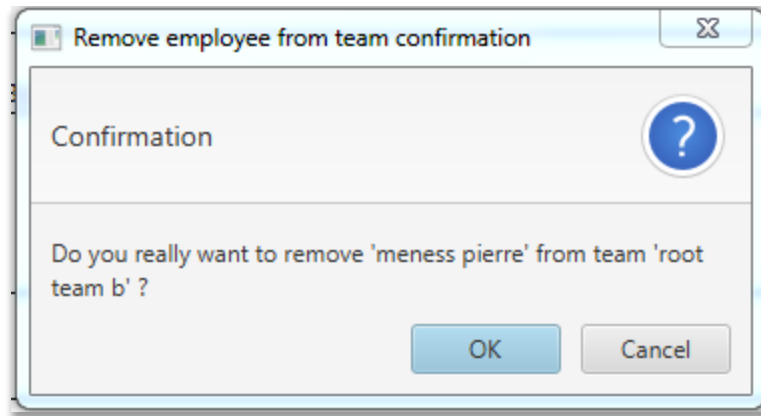
Remove employee to team

If you want to remove an employee to a team, you need to right click on the employee and to select '*remove from team*'



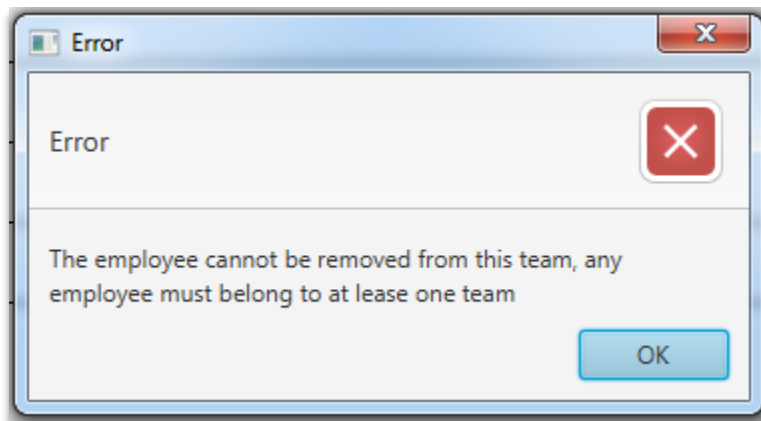
picture 26remove from team

A confirmation popup will be displayed to confirm your action



picture 27Confirm remove employee from team

if the employee not belong to at least one team, he cannot be removed, that means any employee must belong to one team.



picture 28error remove employee from team


Planning management

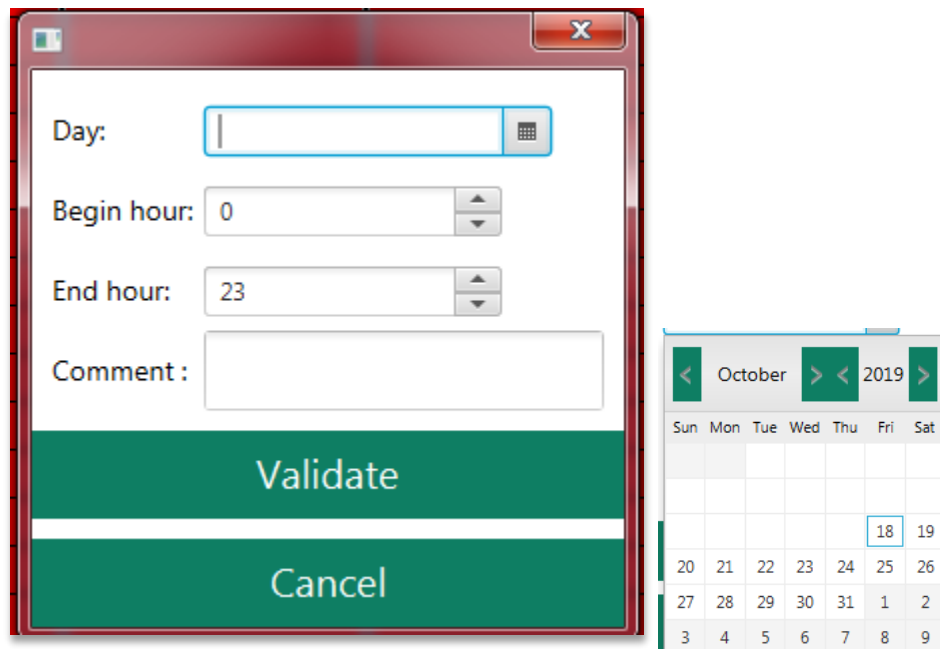
When you have selected an employee the planning panel selector situated on the becomes available.



picture 29 left not available, right available

Append a day planning

 You can click on the '+' button to append a planning for the employee selected, then a popup with the planning form creator appears.



The form contains the following fields and buttons:

- Day:
- Begin hour:
- End hour:
- Comment:
- Validate button
- Cancel button

The calendar shows the month of October 2019. The days of the week are listed at the top: Sun, Mon, Tue, Wed, Thu, Fri, Sat. The dates are arranged in a grid. The 18th is highlighted with a blue border.

picture 30 left Popup planning creator form, right day selector

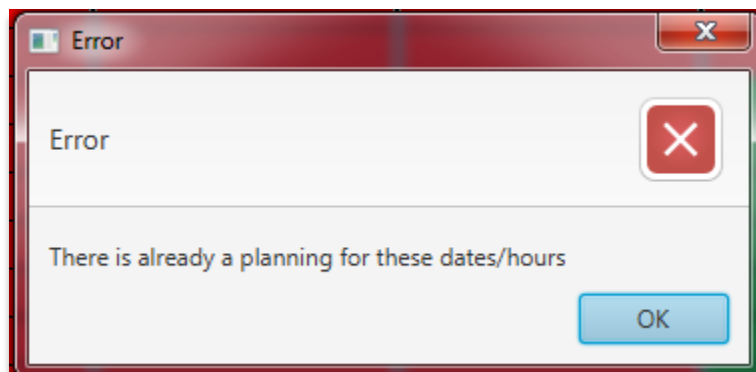
If you click on the calendar icon on the right of field *Day*, then the day selector appears and you can select a day superior or equals to today. Indeed, it is impossible to create, edit or remove a planning when the ending date is outdated.

When the form is filled correctly you'll see your planning on the calendar.

	SUNDAY 13	MONDAY 14	TUESDAY 15	WEDNESDAY 16	THURSDAY 17	FRIDAY 18	SATURDAY 19
00h00							
01h00							
02h00							
03h00							
04h00							
05h00							
06h00							
07h00							
08h00							
09h00							
10h00							
11h00							
12h00							
13h00							
14h00							
15h00							
16h00							
17h00							
18h00							
19h00							
20h00							
21h00							
22h00							
23h00							

picture 31planning added

If you try to append a planning where a planning already present a popup information inform you that's not possible, cause there it's possible to have only one planning between two hours.



picture 32error to insert already present planning

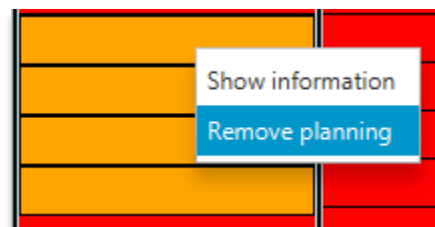
But you can have many planning on one day.

	SUNDAY 13	MONDAY 14	TUESDAY 15	WEDNESDAY 16	THURSDAY 17	FRIDAY 18	SATURDAY 19
00h00							
01h00							
02h00							
03h00							
04h00							
05h00							
06h00							
07h00							
08h00							
09h00							
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16h00							
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19h00							
20h00							
21h00							
22h00							
23h00							

picture 33many planning for one day

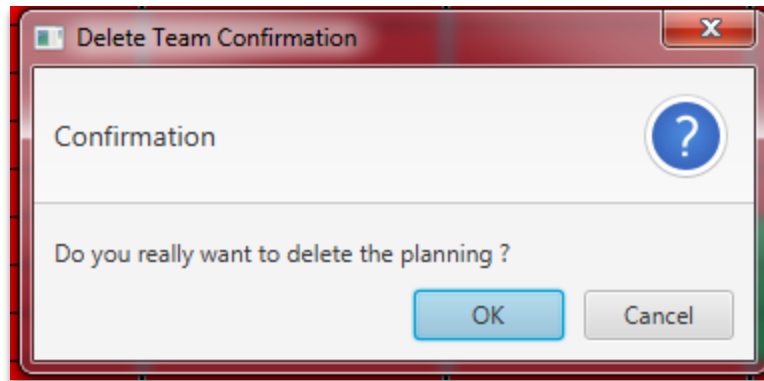
Remove a planning

If you want to remove a planning, first of all the planning must be not outdated, if it's the case then you can do a right click on the planning, it becomes orange that mean the planning is selected, and click on 'remove planning'.



picture 34remove planning menu

Then a confirmation popup will be display to confirm the suppression.



picture 35confirm planning suppression

Navigate on week



You can navigate on weeks with the button '<' and '>' situated on the top left, you'll see day column changed.

	SUNDAY 20	MONDAY 21	TUESDAY 22	WEDNESDAY 23	THURSDAY 24	FRIDAY 25	SATURDAY 26
00h00							

picture 36Days column

Show information



If you do a right click on the planning and select the 'Show information' menu a popup with complete information about the planning selected appears.

