

TimeManager Project - T-POO-700
Time Manager
“User documentation”



TimeManager

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I. Summary

A. Context

There are rising tensions in the corridors of Gotham's town hall due to challenging working conditions, long shifts, and other issues. The main trade union (CGT-U) is alerting the authorities.

To ease the tensions, the town hall decides to implement a time management application that the developers need to create. This application would allow municipal employees to access days off for recuperation

The project is to develop a "TIME MANAGER" application which is a time tracking application intended to improve working conditions at the Gotham town hall. It identifies the users, describes the required features, and provides advice on dashboard design. The focus is on making the application adaptable to meet the specific needs of each user category and on accommodating visual impairments.

The document presents the different functions of the site and how to use the application.

B. Teams



Leroy Maxence



Trusgnach Arthur



Dile Baptiste

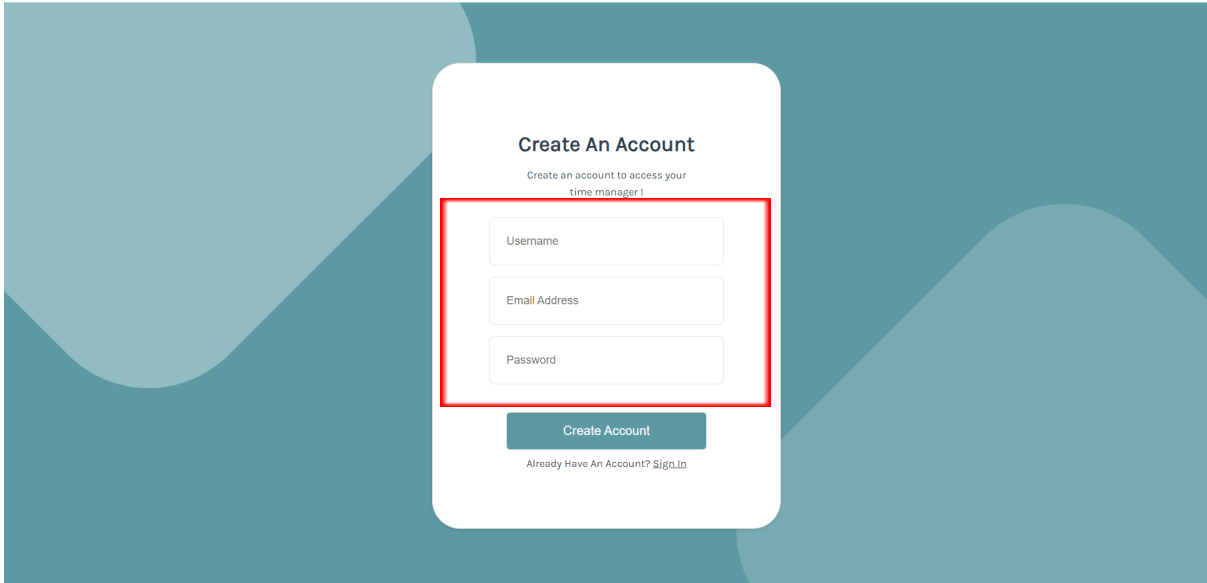


Rivart Bastien

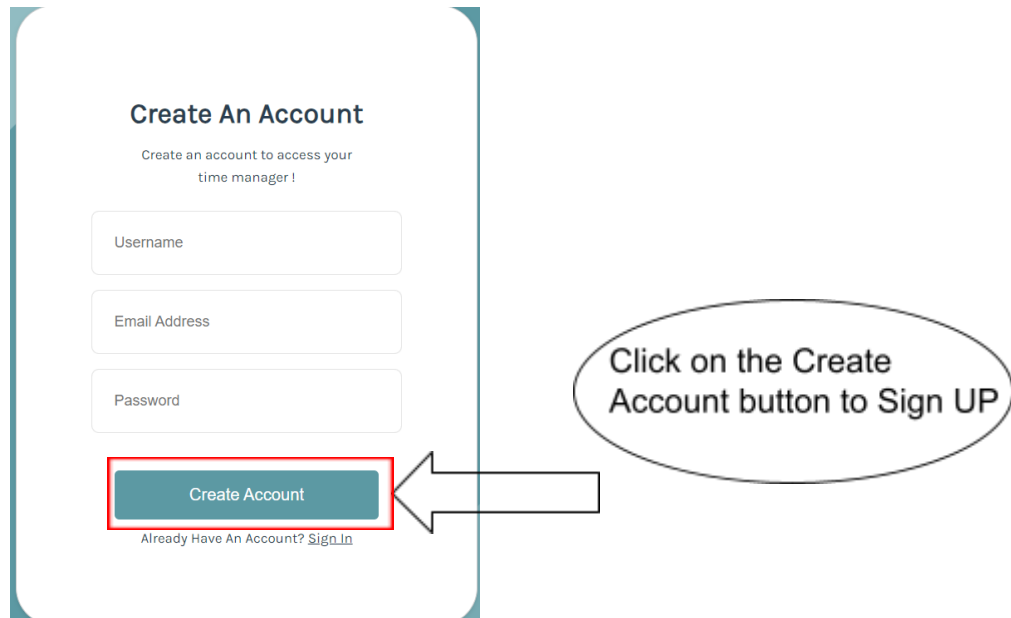
II. Identification

A. Register

To register, you should enter the following information: **Username**, **Email** and **Password** in the sign up view:



The screenshot shows a 'Create An Account' form centered on a teal background. The form has a title 'Create An Account' and a subtitle 'Create an account to access your time manager !'. Below the subtitle, three input fields are stacked vertically: 'Username', 'Email Address', and 'Password'. These three fields are enclosed in a red rectangular box. Below the input fields is a teal 'Create Account' button. At the bottom of the form, there is a link that says 'Already Have An Account? [Sign In](#)'.



This screenshot is a closer view of the 'Create An Account' form. The 'Create Account' button is highlighted with a red rectangular box. A white arrow points from a speech bubble to this button. The speech bubble contains the text 'Click on the Create Account button to Sign UP'. The rest of the form, including the input fields and the 'Sign In' link, is visible but not highlighted.

If all the required fields have been filled out correctly and the sign-up process is successful, you will see this message:

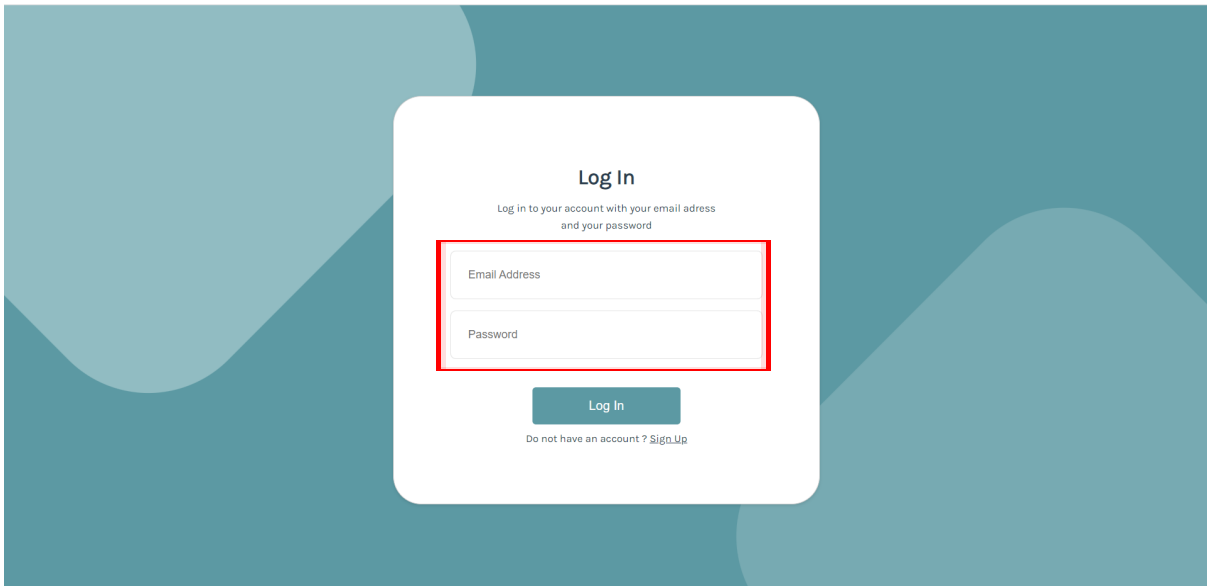
Register Success
You are sucessfully connected

Otherwise, you will receive this message:

An error occured... Please try again

B. Login

To sign in, you should enter the following information: **Email** and **Password** in the login view:



The image shows a login form centered on a teal background with abstract shapes. The form is a white rounded rectangle. At the top, it says "Log In" in bold, followed by "Log in to your account with your email address and your password" in a smaller font. Below this are two input fields: "Email Address" and "Password". These two fields are enclosed in a red rectangular border. Under the input fields is a teal "Log In" button. At the bottom of the form, it says "Do not have an account ? [Sign Up](#)".



Log In

Log in to your account with your email address and your password

Email Address

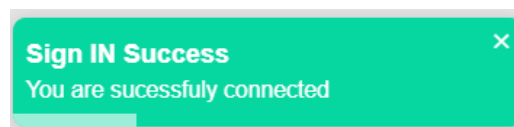
Password

Log In

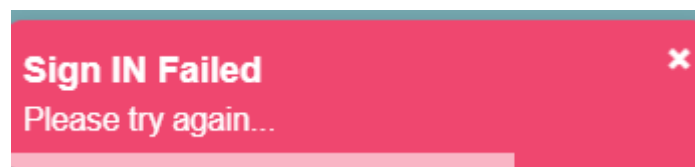
Do not have an account ? [Sign Up](#)

Click on the Log In button to Sign IN

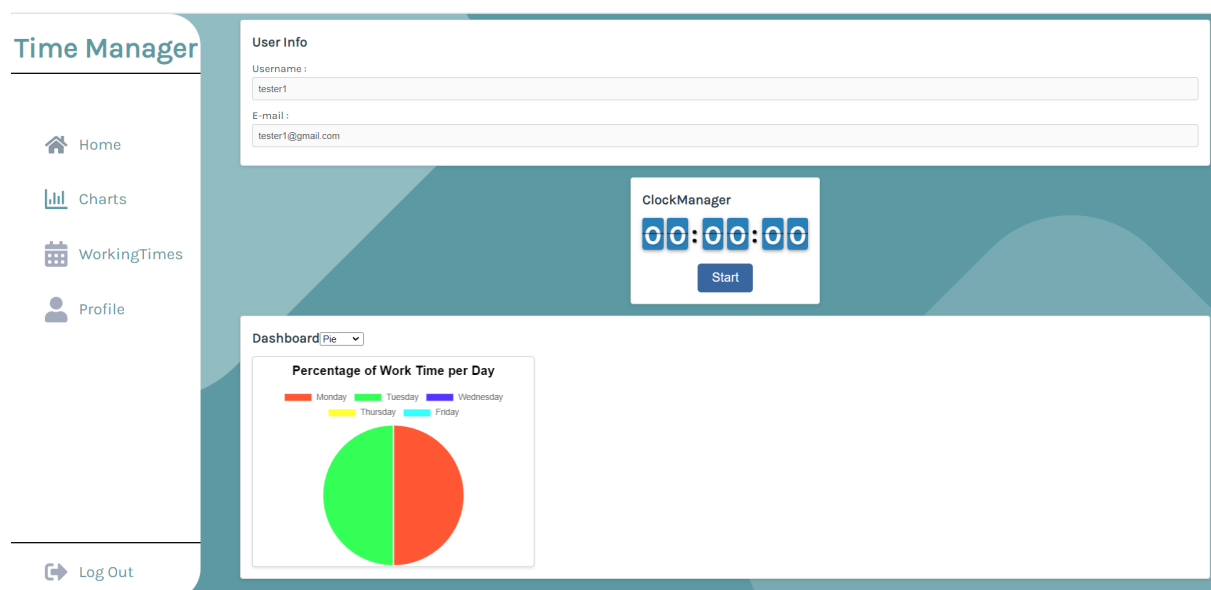
If all the required fields have been filled out correctly and the sign-in process is successful, you will see this message:



Otherwise, you will receive this message:

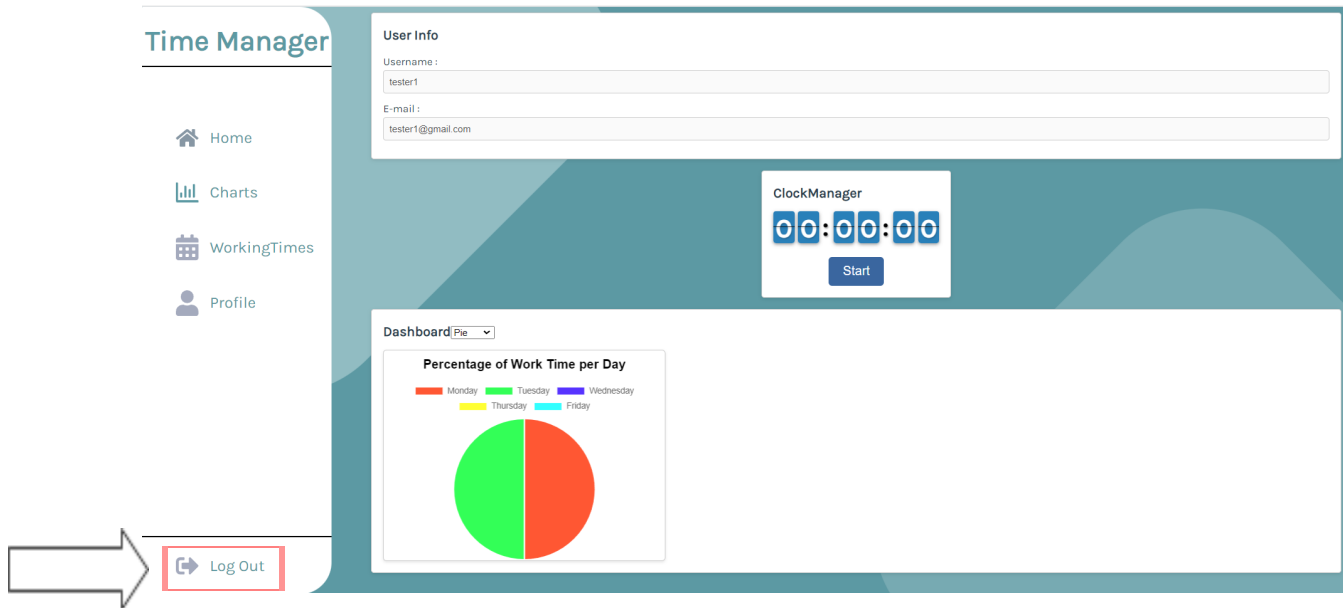


And the home page will appear in front of you:

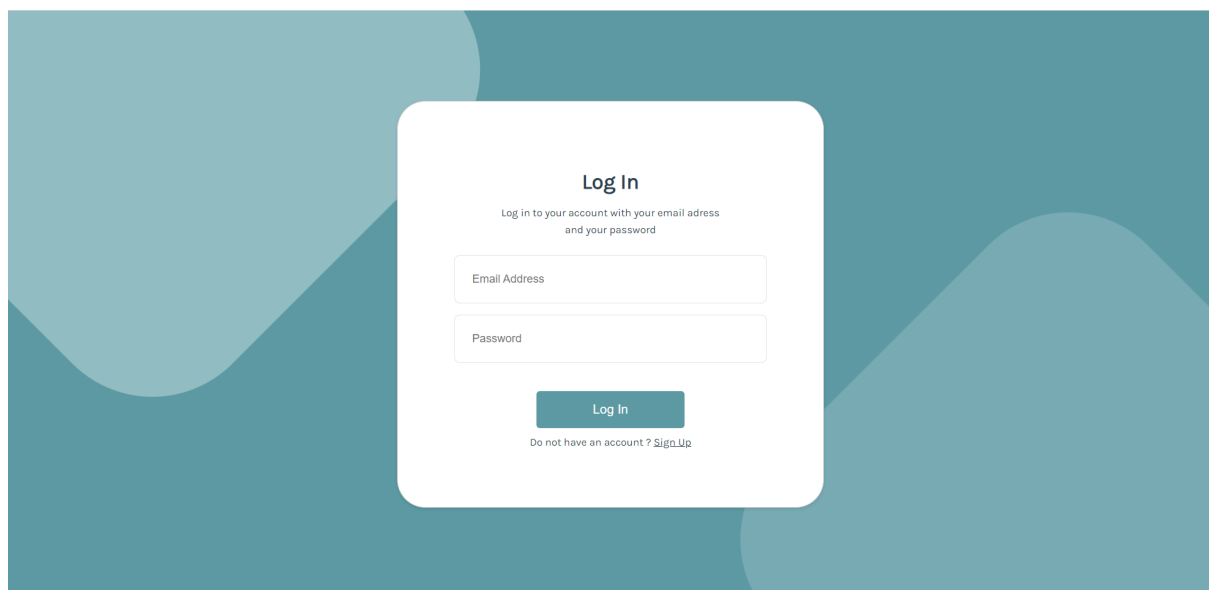


C. Log Out

To log out, simply click on the 'Log Out' button at the bottom left of the screen :

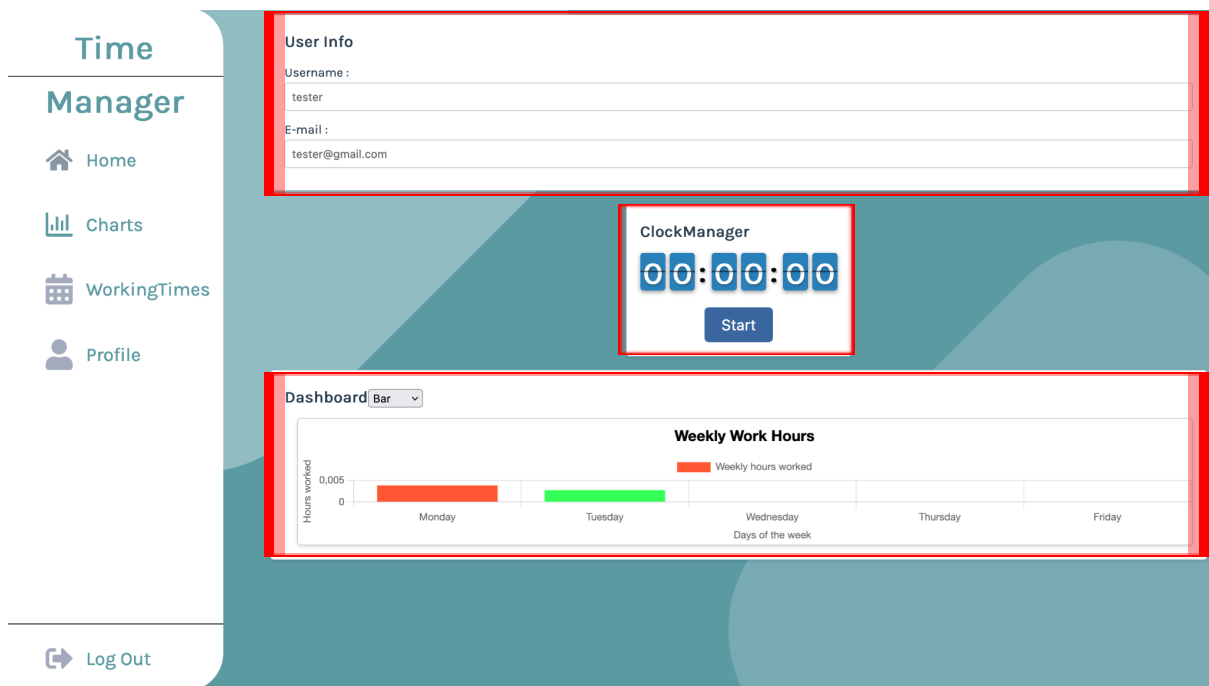


This action clears your local storage and takes you to the login page:



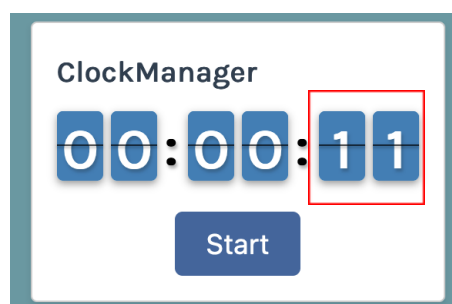
III. Home

The home page lets you view a mix of informations of all you can do in the app :



First, we have a box with user information like username and e-mail, these information can be modified in the profile section.

We also have a clock with a flip animation to [start](#) a timer and [stop](#) it. When a clock is stopped, it directly appears in the workingTime section and the data is added in the charts. Like we see in the images at the top, when we create a clock with 11 seconds, it's created in the WorkingTime section with a good time.



Working Times

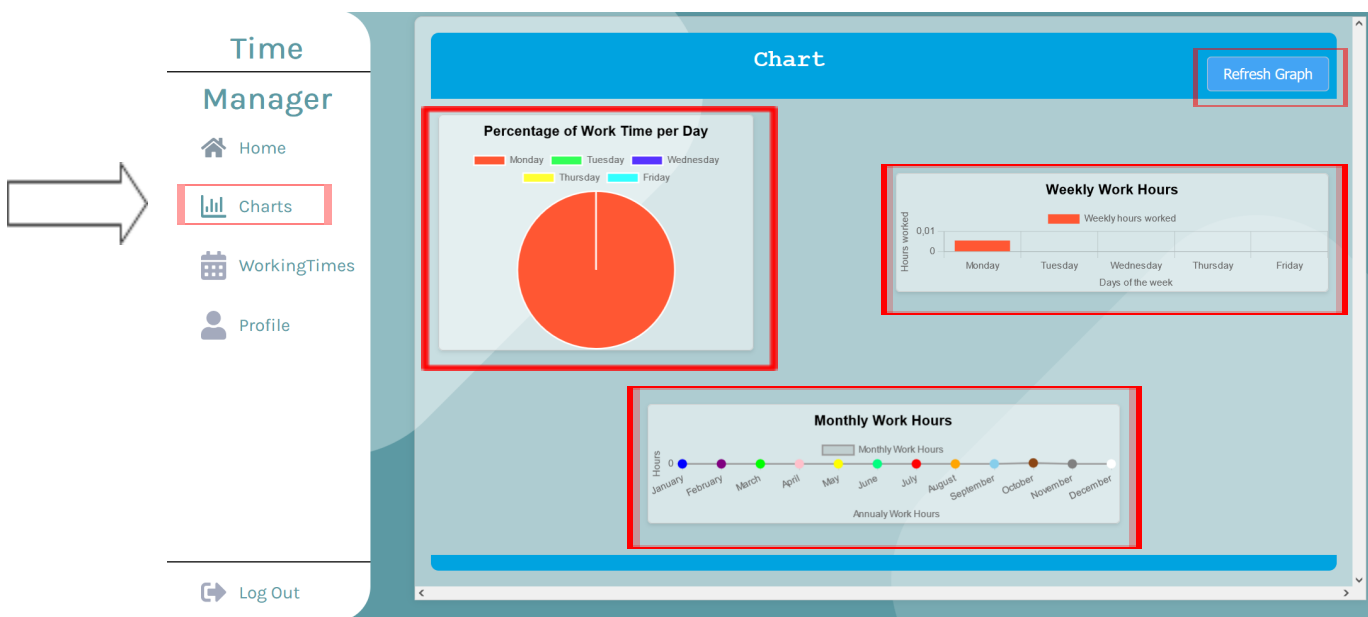
Date	Start	End	Total	Actions
31/10/2023	YYYY-MM-DD HH:MM:SS	YYYY-MM-DD HH:MM:SS		Create
31 / 10 / :📅	9h13	9h13	0h0min11sec	⚙️🗑️

The final box contains charts , the user can choose the chart to display with a picker, if he wants to see all he can go directly in the charts section.

IV. Charts

To access the chart page, you need to click on the 'Charts' button in the left side of the screen's navigation bar.

This page provides an overview of the user's global statistics. It consists of three charts:

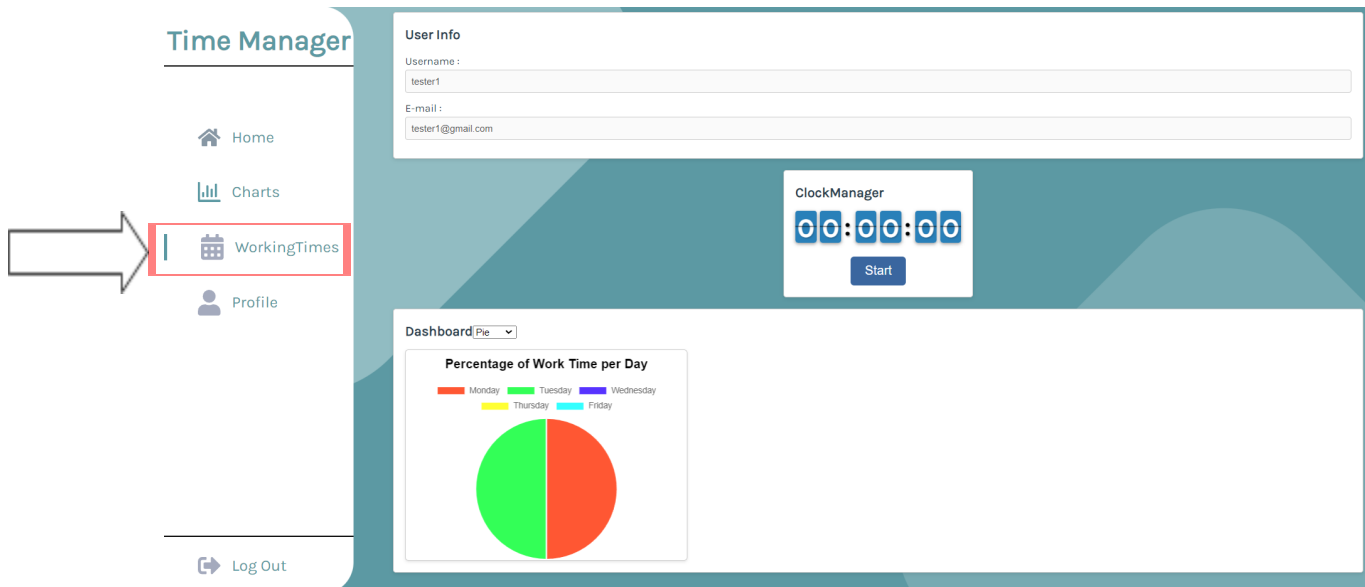


- The first chart (top left), which is a pie chart, provides a percentage breakdown of hours worked per day
- The second chart (top right), the bar chart, allows you to see the number of hours worked per day.
- The third chart (bottom center), the line chart, shows the total number of hours worked in each month.

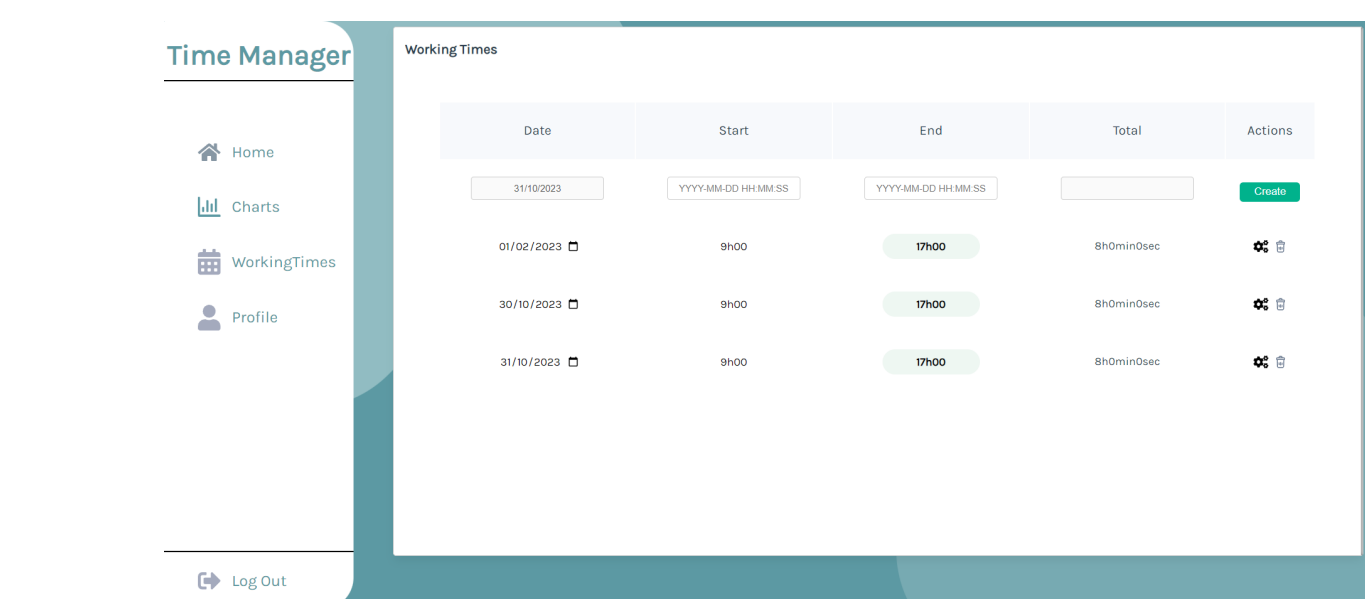
At the top right of the page, you can see a 'Refresh Graph' button. As the name suggests, it allows you to refresh the charts with new data.

V. Working Times

To access all working times, click on the Working Time tab in the nav bar on the left of the screen:



The screenshot shows the TimeManager interface. On the left, a navigation bar contains 'Home', 'Charts', 'WorkingTimes' (highlighted with a red box and an arrow), and 'Profile'. The main content area has a 'User Info' section with fields for 'Username' (tester1) and 'E-mail' (tester1@gmail.com). Below this is a 'ClockManager' section with a digital clock showing '00:00:00' and a 'Start' button. At the bottom is a 'Dashboard' section with a pie chart titled 'Percentage of Work Time per Day' showing a 50/50 split between Monday (red) and Tuesday (green).



The screenshot shows the TimeManager interface with the 'WorkingTimes' tab selected. The main content area displays a table of working times. The table has columns for Date, Start, End, Total, and Actions. The data rows show working times for 01/02/2023, 30/10/2023, and 31/10/2023, all starting at 9h00 and ending at 17h00, with a total of 8h0min0sec. A 'Create' button is visible in the top right of the table.

Date	Start	End	Total	Actions
31/10/2023	YYYY-MM-DD HH:MM:SS	YYYY-MM-DD HH:MM:SS		Create
01/02/2023	9h00	17h00	8h0min0sec	⚙️ 🗑️
30/10/2023	9h00	17h00	8h0min0sec	⚙️ 🗑️
31/10/2023	9h00	17h00	8h0min0sec	⚙️ 🗑️

A. Add a Working Time

To add a working time via the working time interface, fill in the Start and End fields with the constraint YYYY-MM-DD HH:MM:SS (year-month-day hour:minute:second) :

Date	Start	End	Total	Actions
31/10/2023	2023-10-31 09:00:00	2023-10-31 17:00:00		Create

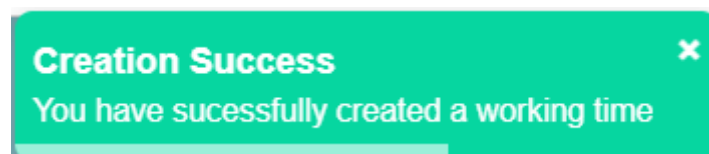
To check your total time, the total field on the right is automatically updated if you have respected the constraint :

Date	Start	End	Total	Actions
31/10/2023	2023-10-31 09:00:00	2023-10-31 17:00:00	8h0min0sec	Create

When you have validated your working time, you can click on the create button to create your working time:

Date	Start	End	Total	Actions
31/10/2023	2023-10-31 09:00:00	2023-10-31 17:00:00	8h0min0sec	Create

If all the required fields have been filled out correctly and the creation is successful, you will see this message:



And you can see that the table has been reloaded and that your new working time appears in the last row of the table:

Time Manager

Home

Charts

WorkingTimes

Profile

Log Out

Working Times

Date	Start	End	Total	Actions
31/10/2023	YYYY-MM-DD HH:MM:SS	YYYY-MM-DD HH:MM:SS		Create
01/02/2023	9h00	17h00	8h0min0sec	
30/10/2023	9h00	17h00	8h0min0sec	
31/10/2023	9h00	17h00	8h0min0sec	
31/10/2023	9h00	17h00	8h0min0sec	

Creation Success
You have successfully created a working time

Please note that in this first version, the table does not allow you to sort by date.

Otherwise, you will receive this message:









Creation Failed

Please try again... Or respect the correct syntaxe : YYYY-MM-DD HH:MM:SS

B. Update a Working Time

With the working time tab, you can modify your times:

- Choose Your Date:** by clicking on the date field you can choose and modify the date of your working time:













Date	Start	End	Total	Actions
<input type="text" value="31/10/2023"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text"/>	<button>Create</button>
<div> <div>01/02/2023</div> <div> <div>février 2023</div> <div> <div>lu ma me je ve sa di</div> <div> <div>30 31 1 2 3 4 5</div> <div>6 7 8 9 10 11 12</div> <div>13 14 15 16 17 18 19</div> <div>20 21 22 23 24 25 26</div> <div>27 28 1 2 3 4 5</div> <div>6 7 8 9 10 11 12</div> </div> </div> <div>Effacer Aujourd'hui</div> </div> </div>	9h00	17h00	8h0min0sec	 
	9h00	17h00	8h0min0sec	 
	9h00	17h00	8h0min0sec	 
	9h00	17h00	8h0min0sec	 

2. Change your start timing: the start field can be modified, but be sure to respect the syntax: hhHmin

3. Change your end timing: the endfield can be modified, but be sure to respect the syntax: hhHmin

Please note that total time, unlike adding a working time, does not change automatically.

Once the fields have been filled in correctly, click on the gear in the action part of the table:













Date	Start	End	Total	Actions
<input type="text" value="31/10/2023"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text"/>	<button>Create</button>
03/02/2023 	10h00	17h00	8h0min0sec	 
30/10/2023 	9h00	17h00	8h0min0sec	 
31/10/2023 	9h00	17h00	8h0min0sec	 
31/10/2023 	9h00	17h00	8h0min0sec	 

If all the required fields have been filled out correctly and the update is successful, you will see this message:

Update Success

You have sucessfully updated the 2a6545c7-ff56-4182-8eb7-0f5121c42a23 working time

And you can see that the table has been reloaded and that your updated working time will be updated in the table:

Date	Start	End	Total	Actions
<input type="text" value="31/10/2023"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text"/>	<button>Create</button>
03/02/2023 	10h00	17h00	7h0min0sec	 
30/10/2023 	9h00	17h00	8h0min0sec	 
31/10/2023 	9h00	17h00	8h0min0sec	 
31/10/2023 	9h00	17h00	8h0min0sec	 

Otherwise, you will receive this message:



C. Delete a Working Time

If you wish, you can delete your working times by clicking on the trash can icon in the action section of the table:

Working Times

Date	Start	End	Total	Actions
<input type="text" value="31/10/2023"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text"/>	<button>Create</button>
01/02/2023	9h00	17h00	8h0min0sec	
30/10/2023	9h00	17h00	8h0min0sec	
31/10/2023	9h00	17h00	8h0min0sec	
31/10/2023	9h00	17h00	8h0min0sec	
23/01/2023	9h17	17h17	8h0min0sec	

If all the required fields have been filled out correctly and the deletion is successful, you will see this message:

Delete Success
×

You have successfully deleted the fd295ef9-9678-4c43-a743-e0e5fae15ad3 working time

And you can see that the table has been reloaded and that your deleted working time will not appear in the table:

Date	Start	End	Total	Actions
<input type="text" value="31/10/2023"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text" value="YYYY-MM-DD HH:MM:SS"/>	<input type="text"/>	<button>Create</button>
01/02/2023	9h00	17h00	8h0min0sec	
30/10/2023	9h00	17h00	8h0min0sec	
31/10/2023	9h00	17h00	8h0min0sec	
31/10/2023	9h00	17h00	8h0min0sec	

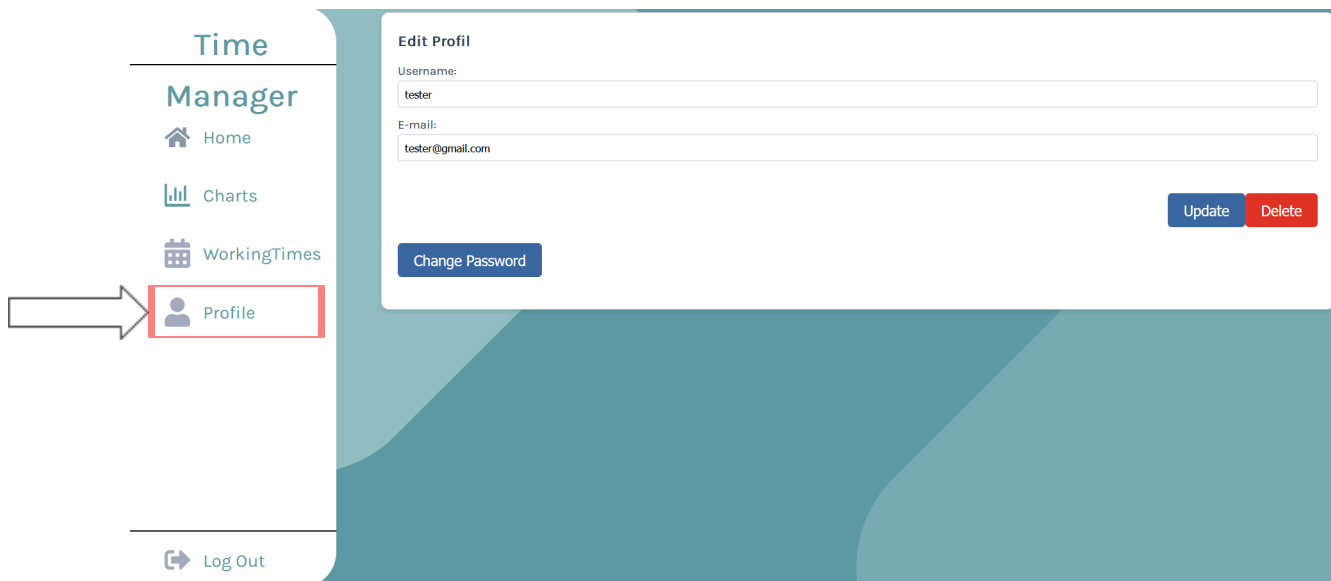
Otherwise, you will receive this message:



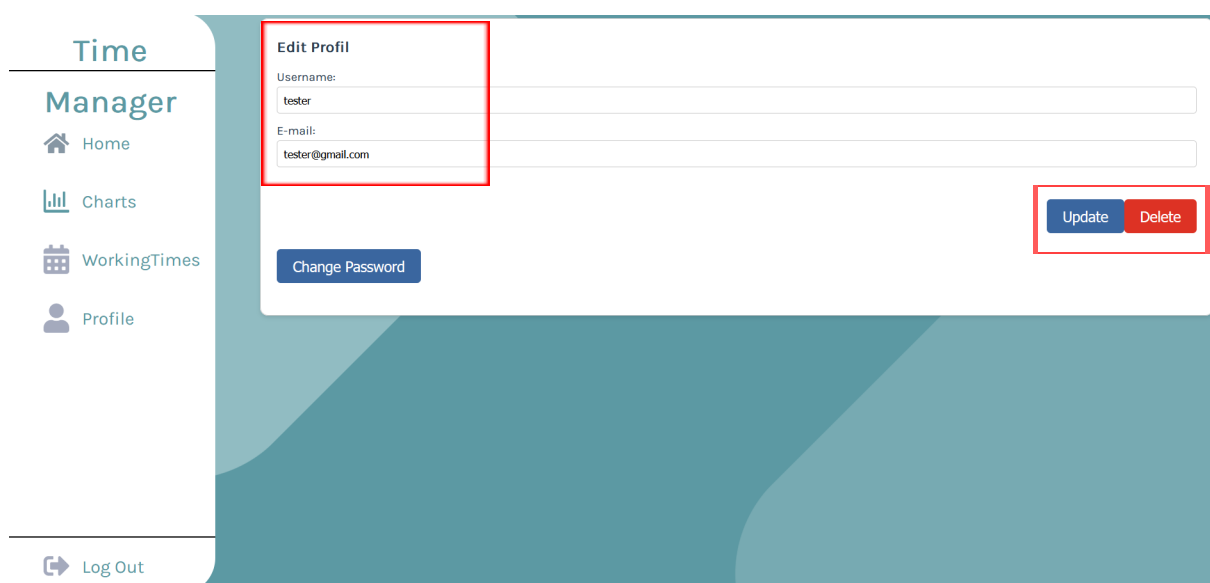
VI. User Profil

A. Update and Delete

To access the profile page, you need to click on the 'Profile' button on the left side of the navigation bar:



Now we are going to look at the profile page, which is intended for viewing user information such as **Username**, **Email**, and **Password**.



In the middle square, there is the possibility to modify the desired information.

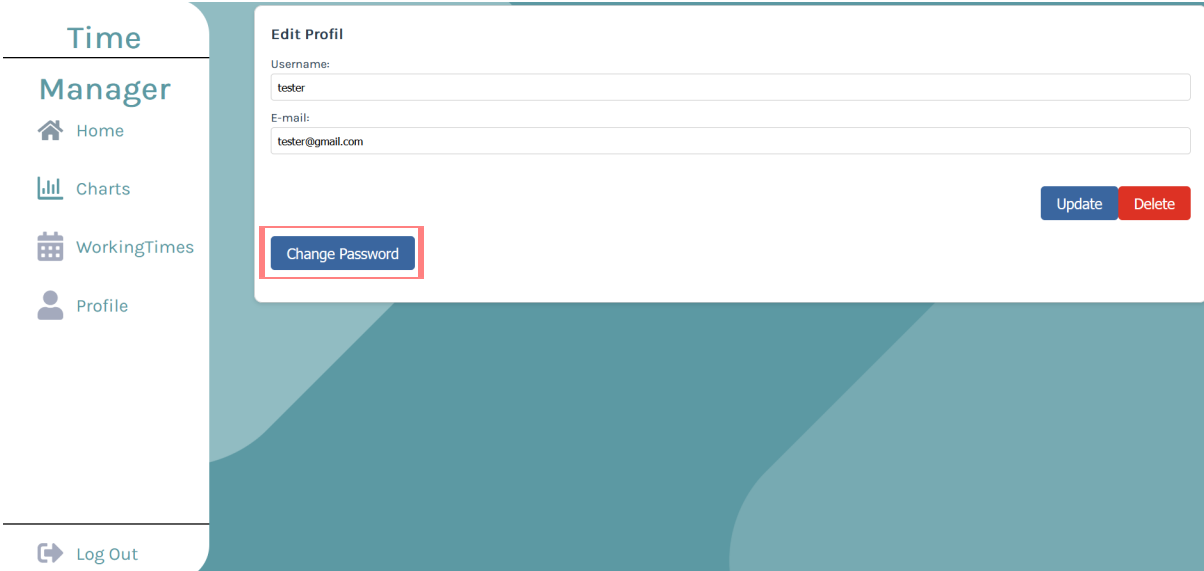
Through this view, you can modify your:

- **Username**
- **E-mail**
- **Password**

- The first button '**Update**' allows you to change the user's information after a change in personal information.
- The second button '**Delete**' is used to delete the information/reset.

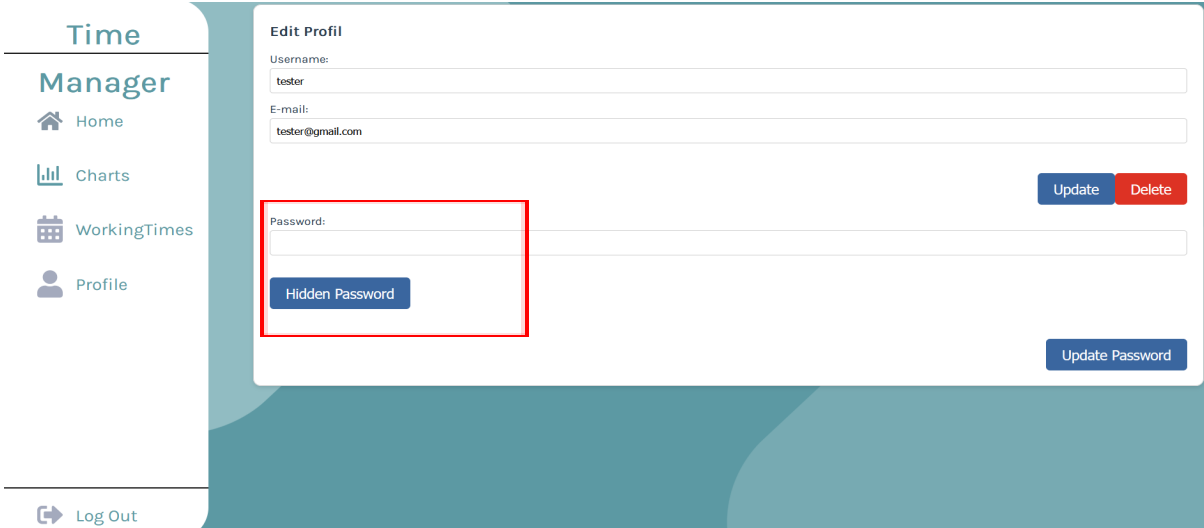
B. Change Password

Now, let's go through the steps to change your password.
First, you need to click on the 'Change Password' button:

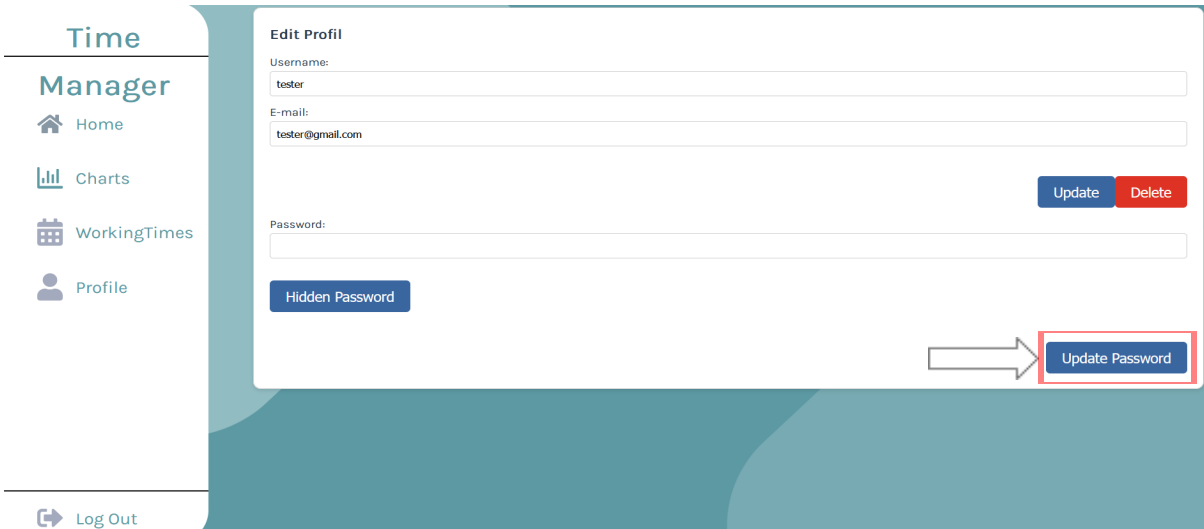


The screenshot shows the 'Edit Profil' form in the TimeManager application. The form has two input fields: 'Username' with the value 'tester' and 'E-mail' with the value 'tester@gmail.com'. Below these fields are two buttons: 'Update' (blue) and 'Delete' (red). A 'Change Password' button (blue) is located at the bottom left of the form area and is highlighted with a red rectangular box. The left sidebar contains a navigation menu with the following items: 'Time Manager' (header), 'Home' (house icon), 'Charts' (bar chart icon), 'WorkingTimes' (calendar icon), 'Profile' (person icon), and 'Log Out' (logout icon).

There is a new '**Password**' field that has appeared where you can change its content:



If you have entered a correct password and clicked the 'Update Password' button, then this message should appear:



Update Password Success ×
You are successfully updated Password

However, if the password field is empty, then this message will appear:

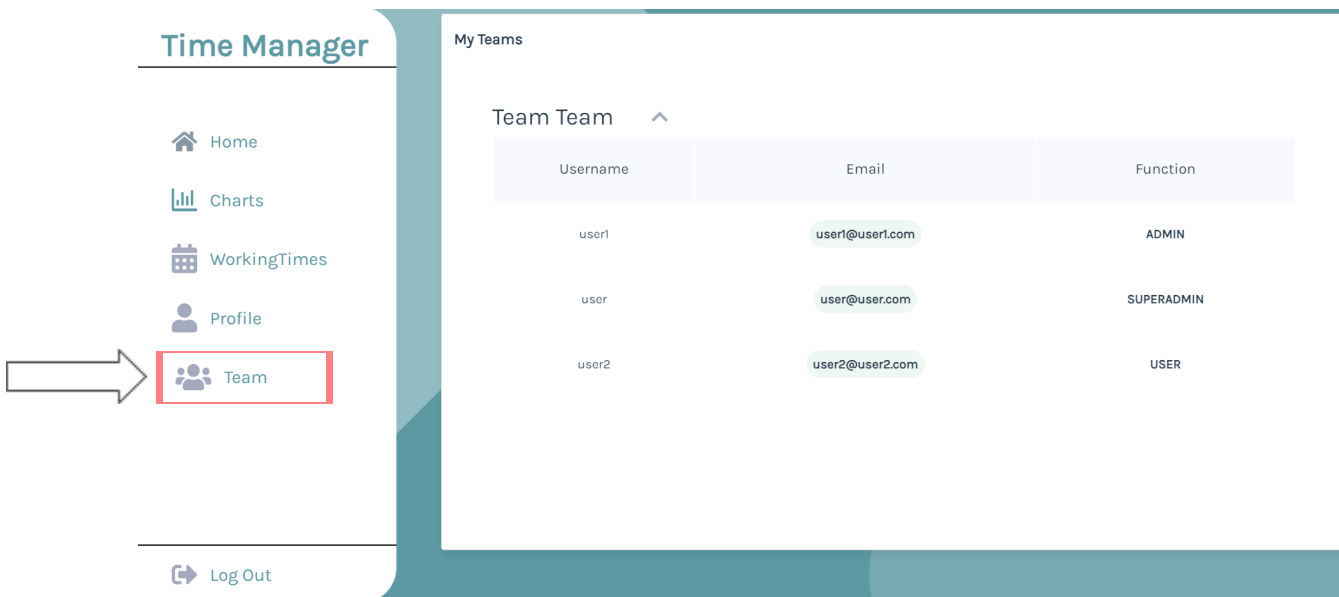
Password:

Password is required

VII. Teams

A. Users

Now, we are going to look at the team system. It allows users to know who belongs to their team with information such as the username, email, and role. The user and the admin can only see their respective teams.



The screenshot displays the 'Time Manager' interface. On the left, a sidebar contains navigation links: Home, Charts, WorkingTimes, Profile, Team (highlighted with a red box and an arrow), and Log Out. The main content area, titled 'My Teams', shows a table of team members. The table has three columns: Username, Email, and Function. The data is as follows:

Username	Email	Function
user1	user1@user1.com	ADMIN
user	user@user.com	SUPERADMIN
user2	user2@user2.com	USER

B. Admin

The admin, on the other hand, has a role above the regular user. That's why they have more possible actions, such as:







- **Deleting** a user by clicking on the trash can.
- **Viewing** user charts.

Time Manager

- Home
- Charts
- WorkingTimes
- Profile
- Team

My Teams

Team Team ^

Username	Email	Function	Actions
Select a Username	Select an Email		Add User
user1	user1@user1.com	ADMIN	 
user	user@user.com	SUPERADMIN	 
user2	user2@user2.com	USER	 

Log Out


When you press the user's chart button, we can see the user's interface with the three graphs:

Time Manager

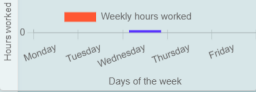
- Home
- Charts
- WorkingTimes
- Profile
- Team

Chart of user1


Percentage of Work Time per Day



Weekly Work Hours



Monthly Work Hours

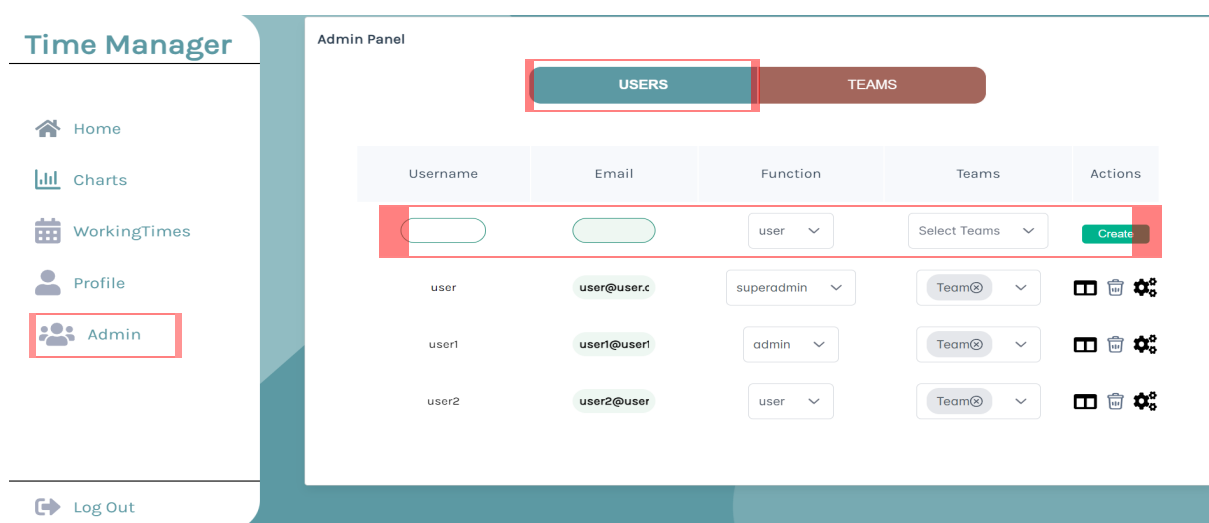


Log Out

VIII. Panel Admin

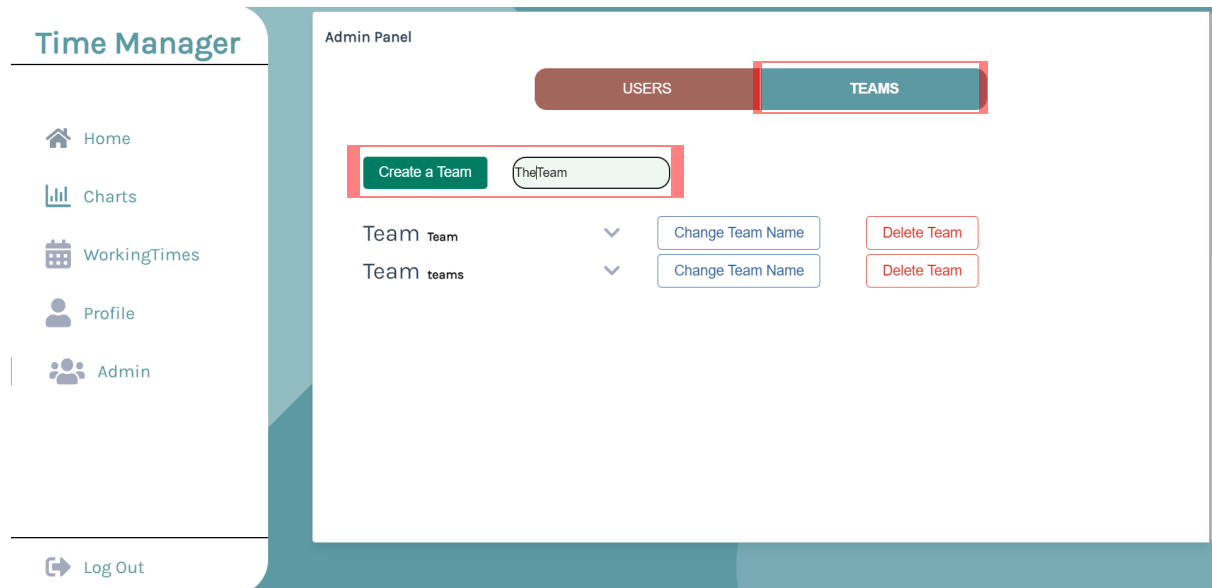
A. Create Users

First of all, the Admin Panel is accessible only by the **SuperAdmin**. Its primary function is to create a user by filling in the Username, Email, their role, and which team they belong to, then clicking on the "create" button. The default password for the previously created user is '1234'.



B. Create Teams

The SuperAdmin can create teams by entering the name of the team in and clicking on 'Create a Team' button.



They can also change the name of the team:

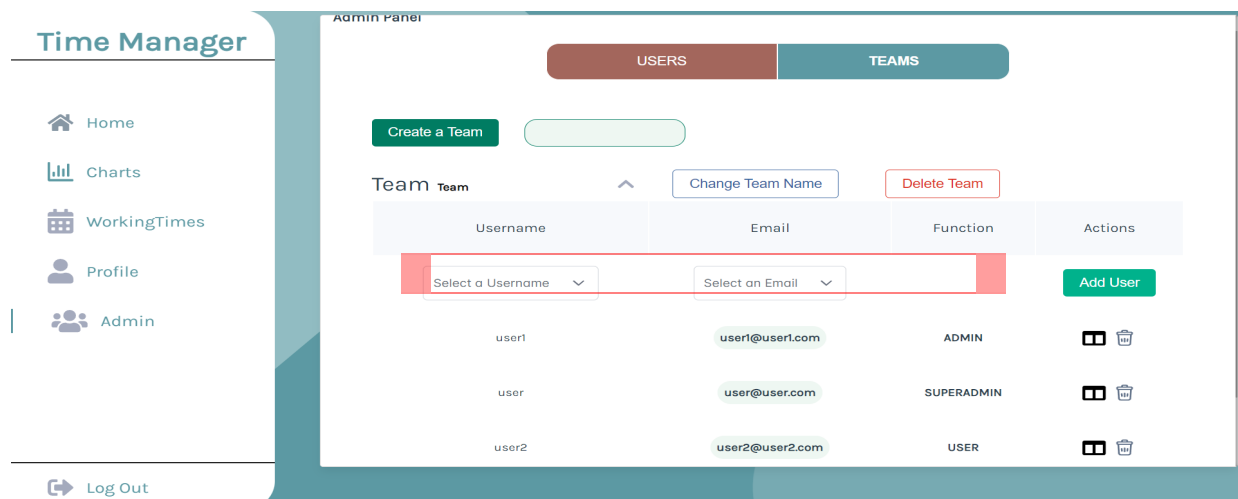
Change Team Name

or delete it:

Delete Team

C. Integrate a team

To add a user to a team, you first need to select the team, then enter their username and email.



Then you need to click on '**Add user**' button:

Add User