# Sprint 0 (W1-W3)

1. **Sprint planning**
2. **Sprint Review**

## Sprint planning

The first sprint is planned to start with project planning and initial setup (Non-functional). Apart of this, the team will focus on the basic functions that can build up the website.

Functional:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | As a <Role> | I want to <Do something> | So that | Priority |
| User Management | Admin | Login as admin | Access admin functionality | High |
| Register a new account | Provide to new employee | High |
| Delete an account | Deactivate left employee’s account | High |
| User engagement | Admin & standard user | Search by different options (i.e., name, value stream) | Get close results | High |

Non-Functional:

|  |  |  |
| --- | --- | --- |
| Category | Task | Notes |
| Diagrams | Flow diagram | An initial diagram for the workflow of the application |
| Motivational Map | The overall frame |
| UI design | Login; Register; Search Page; Profile page |
| Collaboration | Git repository setup | - |
| Communication and task distribution tool setup | For better collaboration |
| Development | Confirm project stack | Align the stack that the project will use |
| Server setup | Based on scalability |

## Sprint review

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Login as admin | Access admin functionality | Completed |
| Register a new account | Provide to new employee | Completed |
| Delete an account | Deactivate left employee’s account | Not Completed\* |
| Search | Get close results | Partial completed\* |
| Non-functional | Flow diagram | An initial diagram for the workflow of the application | Completed |
| Motivational Map | The overall frame | Completed |
| UI design | Login; Register; Search Page; Profile page | Completed |
| Git repository setup | - | Completed |
| Communication and task distribution tool setup | For better collaboration | Completed |
| Confirm project stack | Align the stack that the project will use | Completed |
| Server setup | Based on scalability | Completed |

# Sprint 1 (W4-W6)

1. **Sprint planning**
2. **Sprint Review**

## Sprint planning

In this sprint 1, our development team decide to move from basic functionalities to more in-depth functionalities in “User engagement” and “Profile info Management” module

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Module | As a <Role> | I want to <Do something> | So that | Priority |
| User engagement | Admin & standard user | Search by different options (i.e., name, value stream) | Get close results | High |
| Standard User | Register | Register with email and password | High |
| Login authentication | The account needs to be activated by email verification. | High |
| Protect route | The access of certain pages needs user login. If not logged in, it should jump to login page | Medium |
| Profile info Management | Standard User | Password reset | Enter the old password and its new password | Medium |
| Update Personal Profile | Update information about users (only for standard users, they can update their contact info, not role) | High |
| Profile image upload | Update profile image with a new pic | Medium |
| Display personal profile Info | Display info | High |

## Sprint review

|  |  |  |  |
| --- | --- | --- | --- |
| Functional | Register | Register with email and password | Completed |
| Login authentication | The account needs to be activated by email verification. | Completed |
| Protect route | The access of certain pages needs user login. If not logged in, it should jump to login page | Partial completed\* |
| Password reset | Enter the old password and its new password | Not completed\* |
| Update Personal Profile | Update information about users (only for standard users, they can update their contact info, not role) | Partial Completed\* |
| Profile image upload | Update profile image with a new pic | Not completed\* |
| Display personal profile Info | Display info | Completed |
| Search | Search user via name | Completed\* (haven’t combine) |

Not Scheduled

|  |  |  |
| --- | --- | --- |
| Separate login entry | Admin and standard user login entry | Partial Completed\* |
| Profile image upload | Update profile image with a new pic | Not completed\* |

* ***Summary of requirements that are partially completed*** 
  + Frontend:
    - Update profile (email may not be reset), for standard user, it may only change contact details
      * Employee: phone Number, notes and password
      * Admin: role, product owner, value stream, scrum team
    - Combine search front page with search functionality (backend)
    - Update profile image front end
    - Display profile image properly (still have bugs)
  + Backend:
    - Protect route debugging (if failed with login status, jump to login page)
    - Password reset and authentication before reset
    - Update profile image

## Team Sprint 1 comments

Ultimately, our team successfully finished 85 per cent of the work we scheduled to complete in sprint 1. Since four members of ours are new to react, nodejs and javascript, we are quite satisfied with this outcome. As our knowledge gradually builds through self-learning, our communication and collaboration, we are confident we can complete scheduled work in the next sprint. We would be more careful on time management and workload distribution to ensure both quality and efficiency of our work.

# Sprint 2 (W7-W10)

1. **Sprint planning**
2. **Sprint Scheduling**
3. **Reuse Planning**

## Sprint plan

In this sprint, we aim to cover almost all the functionalities of our web application. We scheduled the work we plan to do in sprint 2 and assigned each of them a time limit.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **As a <Role>** | **I want to <Do something>** | **So that** | **Priority** |
| Functional | Admin | Delete an account | Deactivate left employee’s account | High |
| View all users in the database | At Admin’s Home page (after login) | High |
| Edit specific user’s info (only role, …) | Update Info | High |
| View specific user’s profile info | Check if update works/ current profile info | Medium |
|  | Logout |  | Medium |
| Standard user | Get search result | Pick user from result page | High |
| Logout |  | High |
| View selected user’s profile | View only | High |
| Add it to contact list | Find him/her in our list | Medium |
|  | Logout |  | Medium |
| Non-Functional |  | **Task** | **Notes** | **Presenter** |
|  | deployment | Use Heroku | David & Karlie |
|  | Testing |  | Max |
|  | Design diagrams |  | Vincci & Lydia |
|  | Loading animation |  | frontend |

## Sprint Scheduling

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | As a <role> | Task | Category | Status | Allocated Time |
| Functional | Standard user | Search result | Frontend | Completed | 3 days |
| View specific user’s profile | Frontend & Backend | Completed | 2 days |
| Password reset | Backend | Completed | 2 days |
| Loading animation | Frontend | Completed | 1 day |
| Logout | Frontend & Backend | Completed | 1 day |
| Admin | Home page (after login) | Frontend | Completed | 1 day |
| edit user info page | Frontend & backend |  | 2 days |
| View specific user’s profile | Frontend & backend | Completed | 2 days |
| Register | Frontend & backend |  | 2 days |
|  | Logout | Frontend & backend |  | 1 day |
| Non-functional |  | Deployment | Other | Heroku | 1 day |
|  | Design diagram | Other | Completed | 2 days |
|  | Testing | Other |  | 2 days |
|  | Meeting Minutes | Other | Completed | 1 day |
|  | Trello | Other | Completed | 1 day |

## Reuse Planning

|  |  |  |  |
| --- | --- | --- | --- |
| **Component** | **Version** | **Notes** | **Documentation** |
| React | 17.0.2 | Front end framework | <https://reactjs.org/> |
| Node js | 16.7.0 | Node.js is an open-source, cross-platform, back-end JavaScript runtime environment | <https://nodejs.org> |
| Material UI | 4.12.3 | React component for faster and easier web development | <https://mui.com/zh/> |
| react-router-dom | 5.2.1 | Routing webpages (e.g. redirect, navlink, etc) | <https://www.npmjs.com/package/react-router-dom> |
| Jason Web Token | N/A | Used for user authorization | <https://jwt.io/> |
| Js cookie | N/A | HTTP cookies are small blocks of data created by a web server while a user is browsing a website and placed on the user's computer or other device by the user’s web browser. | <https://github.com/js-cookie/js-cookie> |
| Passport | N/A | A comprehensive set of strategies support authentication using a username and password | <http://www.passportjs.org/> |