# Project Detail

Company Lockers Pvt. Ltd. hired me as a Full Stack Developer. They aim to digitize their products and chose LockedMe.com as their first project to start with. I am tasked to develop a prototype of the application. The prototype of the application will be then presented to the relevant stakeholders for the budget approval.

Application must have the following three key operations:

1. Retrieve file names in ascending order
2. Business-level operations:
   1. Option to add a user specified file to the application
   2. Option to delete a user specified file from the application
   3. Option to search a user specified file from the application
   4. Navigation option to close current execution context and return to main context
3. Option to close the application

# Developer Detail

Name: Koh Chan Wen

Email: [chanwen1@hotmail.com](mailto:chanwen1@hotmail.com)

Experience: 2 Years Frontend development

Country: Singapore

# Sprint Planning

Total number of Sprints: 2

Sprint 1 – 3 Aug 2022 to 10 July 2022

Sprint 2 – 10 Aug 2022 to 17 Aug 2022

Total number of user Stories: 5

Total number of task: 9

|  |  |  |  |
| --- | --- | --- | --- |
| Sprint | User Story | Tasks | Story point |
| 1 | I want to create user/admin login | - user/admin login interface  - user/admin login handler | 3 |
| 1 | I want to create all database content | - create all tables with appropriate schemas  - Insert mock data | 8 |
| 1 | I want to create search flight | - search flight interface  - search flight handler  - flight details interface | 5 |
| 1 | I want to create register user details | - Logic to handle flight details to register page without JS  - Register user detail interface  - Register user detail handler | 5 |
| 2 | I want to create review details | - Review detail interface | 3 |
| 2 | I want to create payment page | - payment interface | 3 |
| 2 | I want to create admin dashboard | - admin dashboard interface  - admin dashboard handler | 3 |
| 2 | I want to create admin change password | - admin change password interface  - admin change password handler | 3 |
| 2 | I want to create search user travel history for admin view | - user history interface  - user history handler | 3 |
| 2 | I want to create documentation for this application | - Create functional specification for this application | 5 |

# Flowchart of application

## Admin Flow

Admin Login Page

Admin Dashboard

Change Password

Search user travel history

## User Flow

User Login

Confirmation

Search Flights

Payment

Flight Details

Review Details

Register Detail

# Core concepts used in project

* JSP and JSTL
* JDBC and SQL syntax
* HTML and simple CSS
* For Each loop

# Github Link

https://github.com/kohchanwen/kohchanwen-Simplilearn\_BE\_Project

# Conclusion

Airline Booking is a simple server-side web application that allows user to book flights through us. User has a variety of flights to choose from based on their search criteria. It also has admin feature where they are able to search travel history of registered users.