

Group no. 8 – Sprint 1

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Clubhouse link: app.clubhouse.io/scerom

Invite: <https://app.clubhouse.io/invite-link/5e8f57b3-32b1-4ac2-8987-135437b05759>

Github link: <https://github.com/ofekl26/Project-management-course---SCE>

Slack join link: https://join.slack.com/t/pmc--sce/shared_invite/zt-dc4dsahj-RdY8F3xBSXnHT2MfRABeuQ

Functional requirements:

- As a student I want the website to show me all of the details regarding the unit I want to rent
- As an owner I want the website to send me a message when a student books my unit.
- As a student I want the website to send me a message if the booking process was successful or unsuccessful.
- As the system I would like to allow student to register.
- As the system I want to allow unit owners (Users who own real estate) to register.
- As the system I want to grant access to unit owners by login.
- As the system I would like to allow student to login.
- As the system I want to grant access for two different kinds of users (unit owners/students) by registering or login.
- As a student, I want to filter the units by parameters such as: Location, Price, etc.
- As a student, I want to see for each unit the details such as: unit owner's name, phone number, location, unit photos, rooms quantity, monthly price and other details about the unit.
- As a student, I want to sort the units by parameters such as: Location, Price, etc.
- As a student, I want to be able to view all available units for rent.
- As a student, I want to select a unit for rent from the available units and book it for specific dates.
- As an owner I would like to be able to look at all of the units I published.
- As a unit owner I want to be able to publish new unit.
- As a unit owner I want to edit the information of the unit.
- As a unit owner I want to be able to limit the rental period to a minimum and maximum time.

- As a units owner I would like to be able to get information about my income from the units I own and display it by certain parameters such as: dates, the type of unit and by the units location.
- As a unit's owner, I would like to view my unit order history so I could keep track of my incomes.
- As an owner, I would like to monitor my business conduct.
- As an owner, I will get details on revenue by dates, unit types etc.

Non-Functional requirements:

Req name: Stability

Performance – the website should be capable of handling 8 thousand simultaneous users without affecting its performance.

Req name: password update policy

Security – Every 3 months, users must change their login password, moreover- previous passwords should not be allowed.

Req name: Online updating

Operability- Updating frequently changed parameters and data should be possible to be executed over the web and does not require shutting down the server.

Website compatibility:

In order to have full support for the site and its features, users must use at least one of the following browsers: Chrome/ Firefox/ Microsoft edge/ Brave, which had also been updated to the latest version.

Internet connection:

The server must always be connected to the internet for it to perform properly and serve its entire functionality.

Web host service:

Cloud storage service that provides uploading of the site and its files to the network.

Programming language:

The development of the website will be done using JavaScript.

Database Workflow: Microsoft SQL Server

Cloud Service: Firebase

Name Conventions: camelCase for classes, objects and methods. Pascalcase for variables. (private variables starts with a _).

NPM usage: Node.js

CI/CD Tool: Circle CI

Workflow: VS Code

