**Group no. 8 – Sprint 1**

**Group members:** Ofek Lugassy 209239276, Oneg Lugassy 207912635, Bar Ilan 205618457, Amit Amir 311527329.

**Clubhouse link:** app.clubhouse.io/sceroom

**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

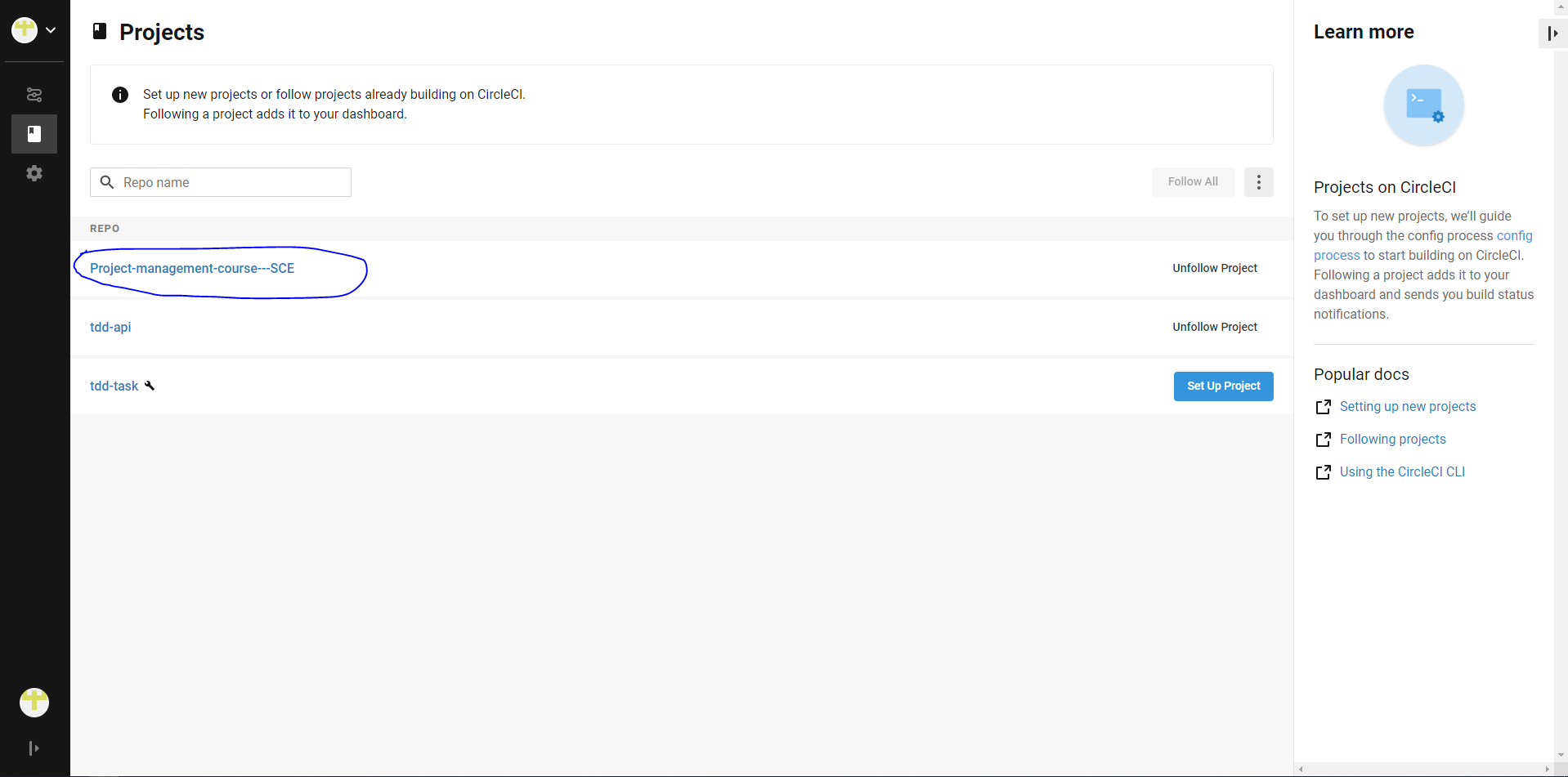
**Cloud Service:** Firebase

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

**NPM usage: Node.js**

**CI/CD Tool: Circle CI**

**Workflow: VS Code**

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