

Join Community OOAD

1. Analysis Classes

The use case allows the Citizen to join the community by providing a username and password. The Citizen is added to the SSNoC directory. He can see himself listed in the directory, along with other citizens.

In order to make users successfully log in and log off, we analysis classes are listed as follows:

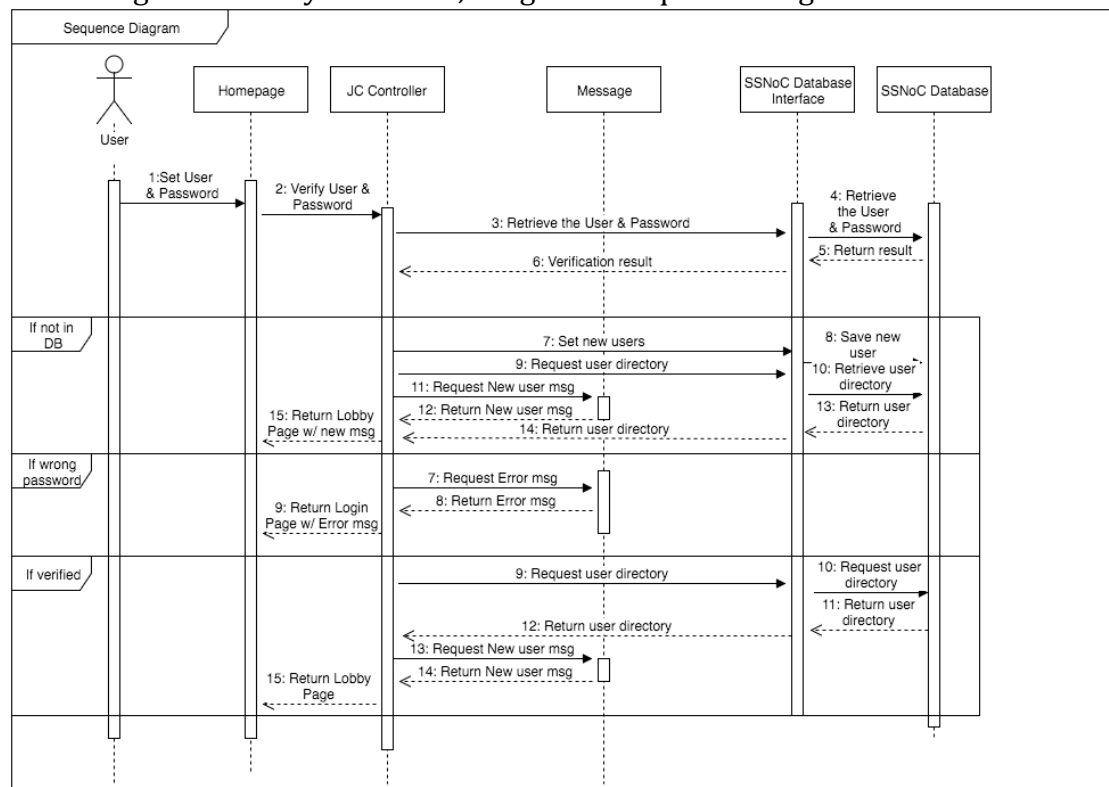
Entity: User

Boundary: Homepage

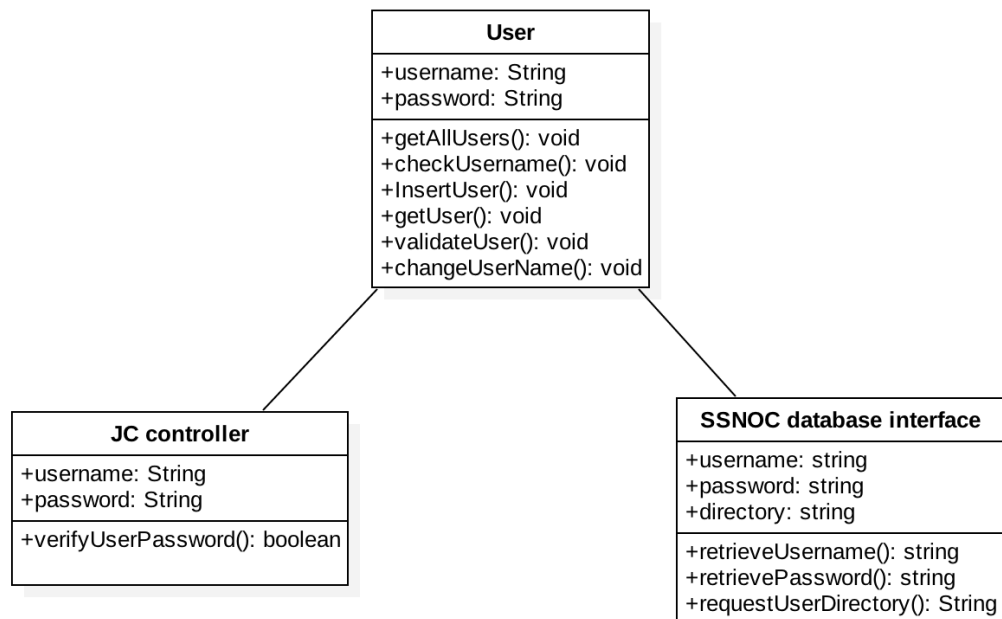
Controller: JC Controller

2. Sequence Diagram

According to our analysis classes, we got the sequence diagram:



3. Class Diagram



4. Our design strictly follows the MVC model. Model is used to encapsulate all objects; view is the UI for the interaction between users and controller bridge the gap models and UI.

The following map describes the relationships between models, controllers and views both in foreground and background:

	Model	View	Controller
Foreground	User.js		homePageController.js lobbyPageController.js
Background	User.js	Index.jade, lobby.jade	userController.js