# **Signup API Design Module**

Class UserManagement:

#### createUser(username, password):

// Creates a new user in the user table.

#### populateDefaultData(user\_id):

// Populates default data for the user in the database.

## Class FileSystemManagement:

#### createUserDirectory(username):

// Creates a directory in the system for the user.

## Class NotificationManagement:

#### notifyUserSuccess(username):

#### // notify\_user\_error(username, error\_message)

Class SignupManagement:

#### userSignup(username, password):

//It will create the the user in the system and store details into the directory.

#### signupExceptionHandler(username, error\_message):

//If the authentication of the user fails it will display error message based on error.