

READ ME

- 1) Download and unzip the code file.
- 2) Open the folder on visual studio code.
- 3) On the integrated command prompt give command “npm install” inorder to install all the server dependencies.
- 4) “cd client”
- 5) “npm install”
- 6) “package-lock.json” file will get created in the client folder.Delete it.
- 7) “npm run dev”

Test Cases and Automation Script

Test Cases:

For Login/Register Use case and User Authentication microservice:

i) Register use case slice:

Input variable: name,email,password

Test case	situation	Expected output
1	Everything is correct, the user does not exist from before..	Register User
2	User Already Exists	‘user already exist’
3	password length not 6.	‘Please enter a password with 6 or more characters’.

ii) Login use case slice:

Input variable: email,password

Test case 1	the email is incorrect.	“Invalid Credentials”
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Test case2	password incorrect	"Invalid Credentials"
Test case 3	Everything correct	User Login

iii) Logout

Expected outcome: Logged out

Create ,update and view profile use case and Profile Microservice.

i)Create and delete profile use case slice

Create profile

Input variable: status,skill (comma separated ex : "CSS,javascript,html")
compulsory.Rest all fields not a compulsion

1	Status,skill provided	Profile created
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Delete profile:

On clicking on the dashboard button delete.User's post , profile and user herself is deleted from the database.

Expected outcome : "User deleted"

ii)Add and delete work experience / education use case slice:

Add experience:

Input variable: title,company,from date(not today) these things are compulsory , rest optional.

Expected Output : Experience will be added.

Delete Exp:

Expected Outcome: Profile/dashboard page will come after deleting the exp.

Add education:

Input variable: school,degree,field of study,from date(not today) these things are compulsory , rest optional.

Expected Output : Education will be added.

Delete Exp:

Expected Outcome: Profile/dashboard page will come after deleting the edu.

iii)Able to view other people's profile use case slice:

Expected outcome: Shows all profiles.

Post,like and comment use case and Posts Microservice.

i)Post use case slice:

Post

Input variable: Text field.

Expected Outcome: Post saved.

Delete

Expected Outcome: 'Post removed'

ii)Like and reply:

Like

Case 1	like	Post will be liked.
Case 2	Again like	It won't happen
Case 3	Unlike(when its liked)	Like will be removed
Case 4	Unlike(when its not liked)	Nothing happens

Reply

Input Variable: Text field

Expected Outcome:Replied

Delete reply:

Expected Outcome: Delete the reply made by user.

Automation Script

[\(click here for the file\)](#)

In the code folder. There is a test folder in which there is a task.js file.

There all the test scripts are present.

Give the command "npm test".

Build and deployment script

To deploy the application we have to give command in terminal in following order:

1. "git add ."
2. "git commit -m "init2" "
3. "git push heroku master"

After giving all these commands in sequence we will get the deployed link of our application. We can directly open our application by clicking on the deployed link or we can give a command "heroku open" in the terminal to open the application.

Apart from this microservices can be individually deployed as by having all the modules related to authentication and post or authentication profile.