

ASE\_Lab10 Report





April 12, 2019

Documented by:

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Introduction

Objectives

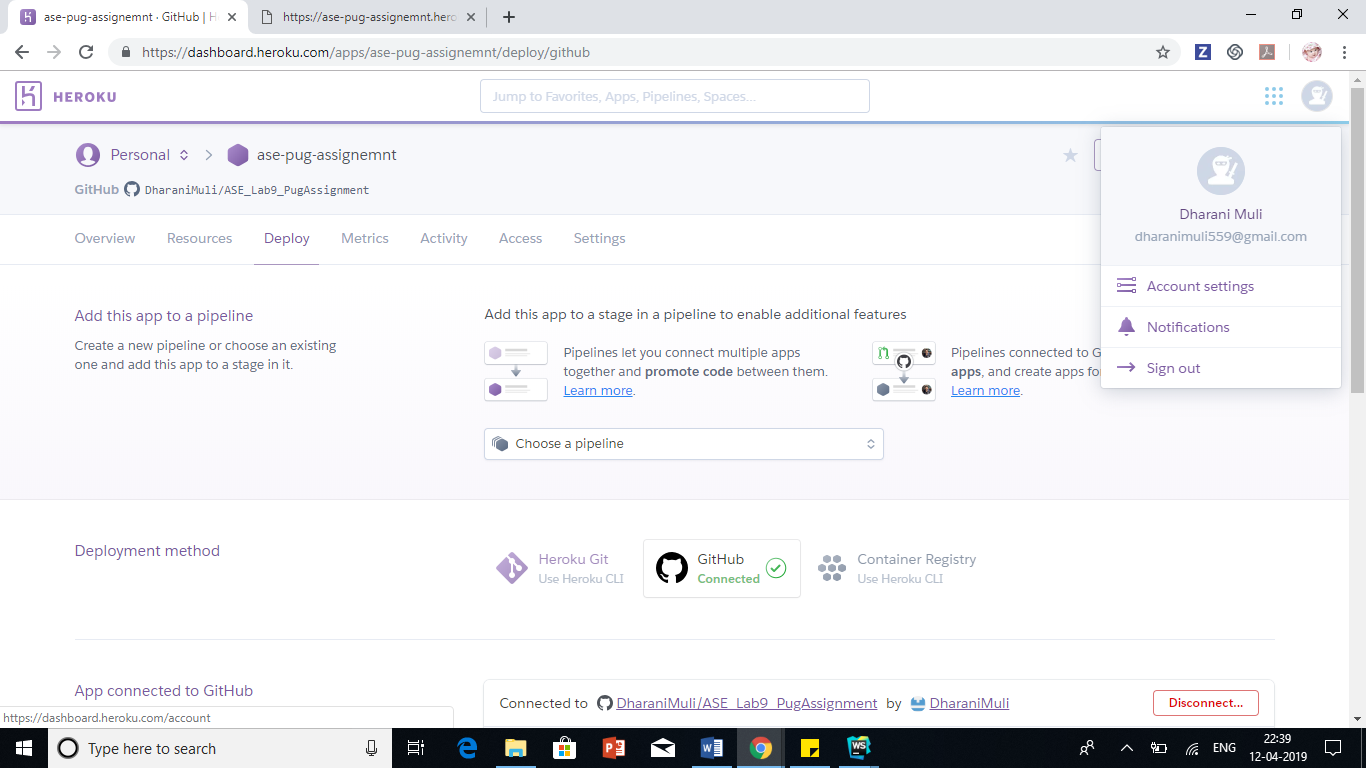
Deploy Lab Assignment-9 to Heroku.

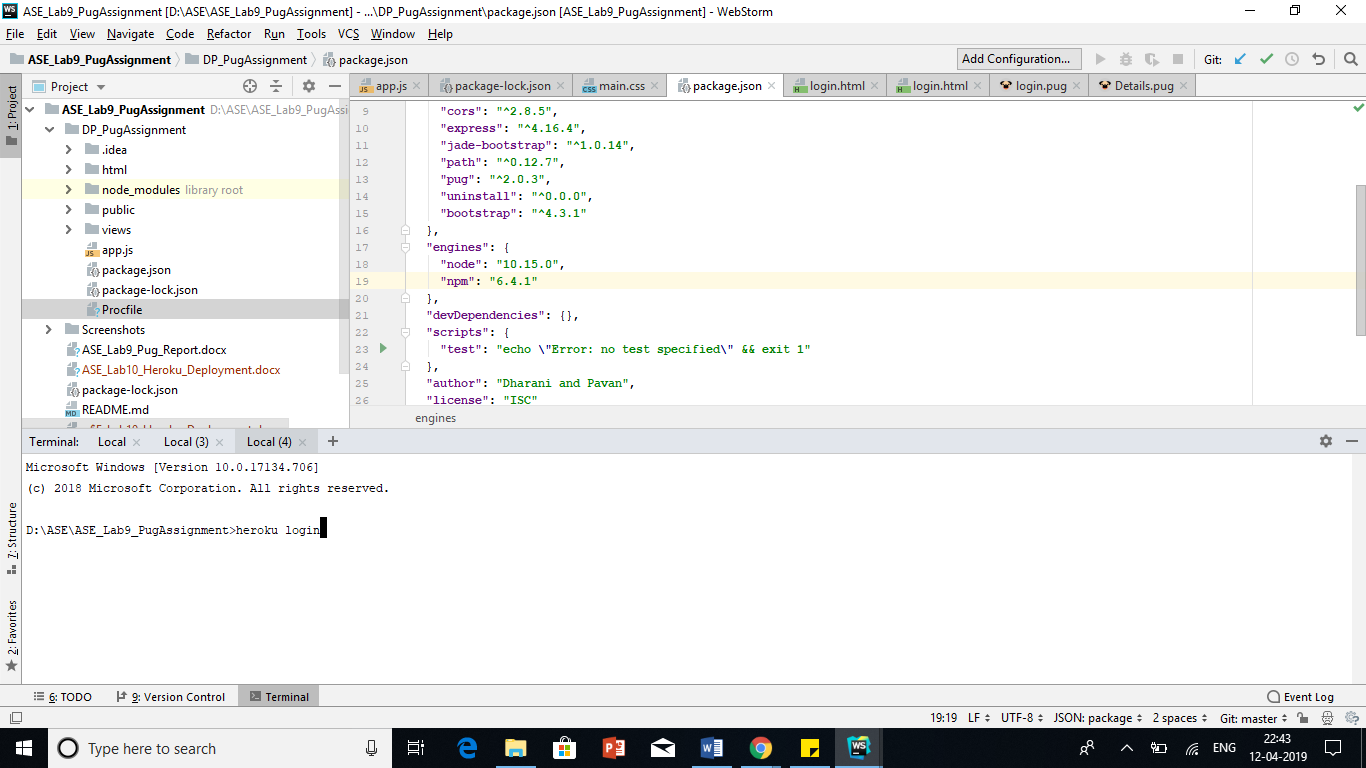
Design/Implementation

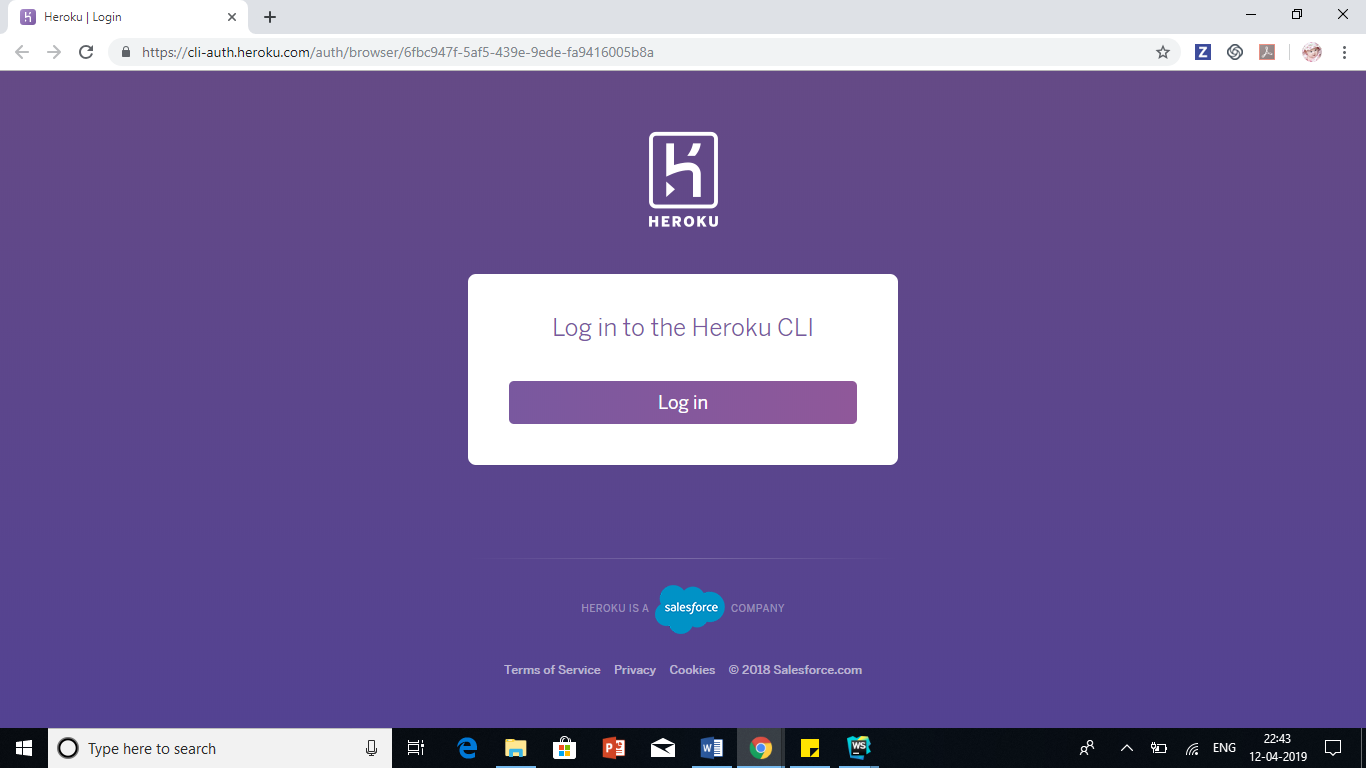
We have followed below steps to successfully complete this lab assignment:

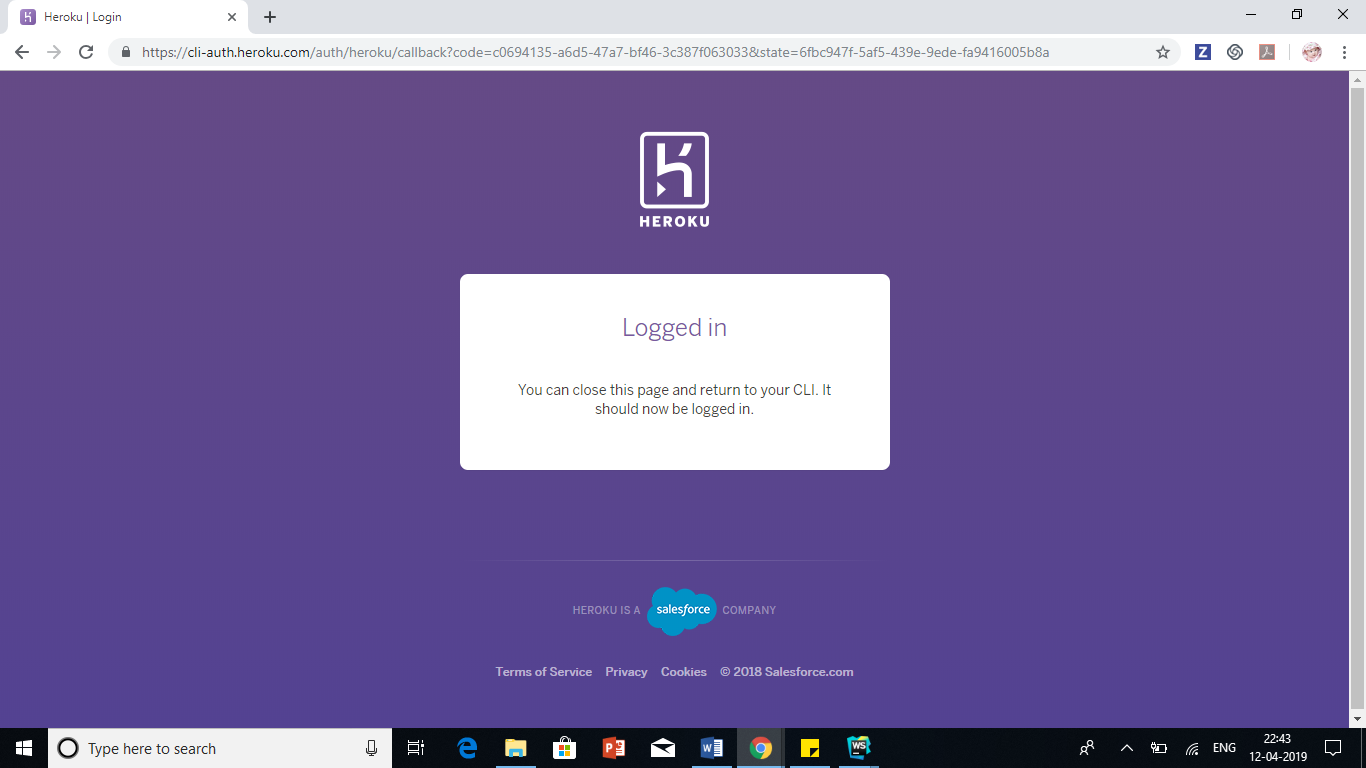
**Step -1:** We make sure all the pre-requisites are ready before start of the project and below are the technologies/languages used:

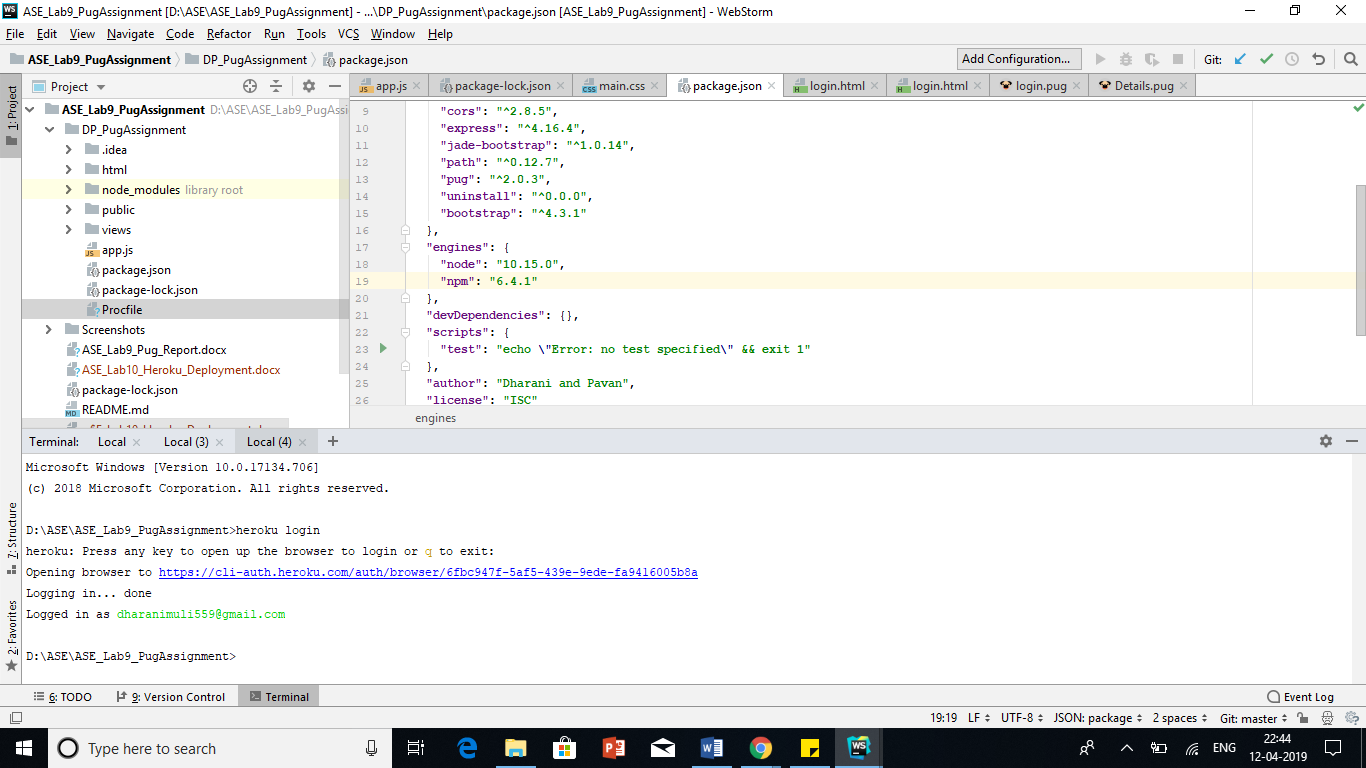
1. WebStorm IDE
2. Node
3. Npm
4. Expressjs
5. Install Heroku Cli

**Step-2:** Created an Heroku Account and created a new app in the Heroku

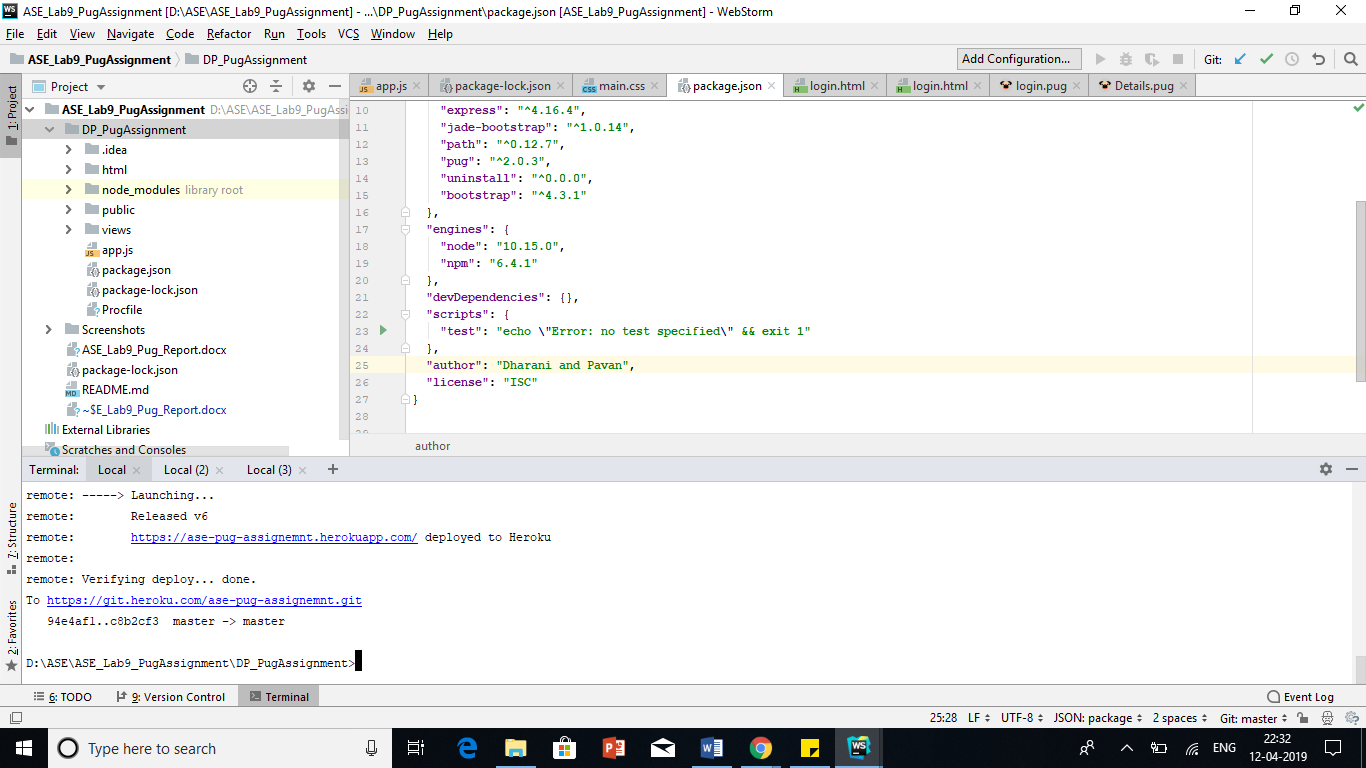
**Step-3:** Logged into Heroku using command “heroku login” where in it navigated me to browser to login.

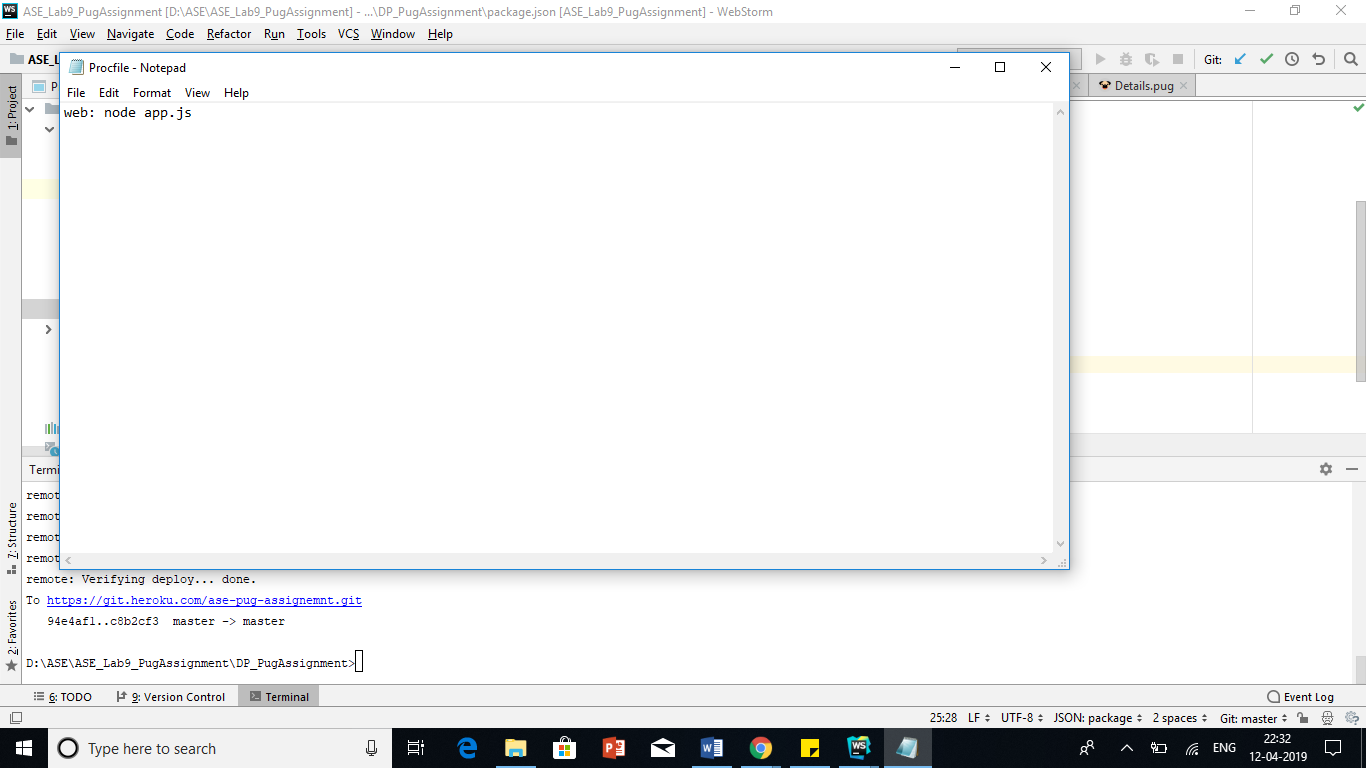


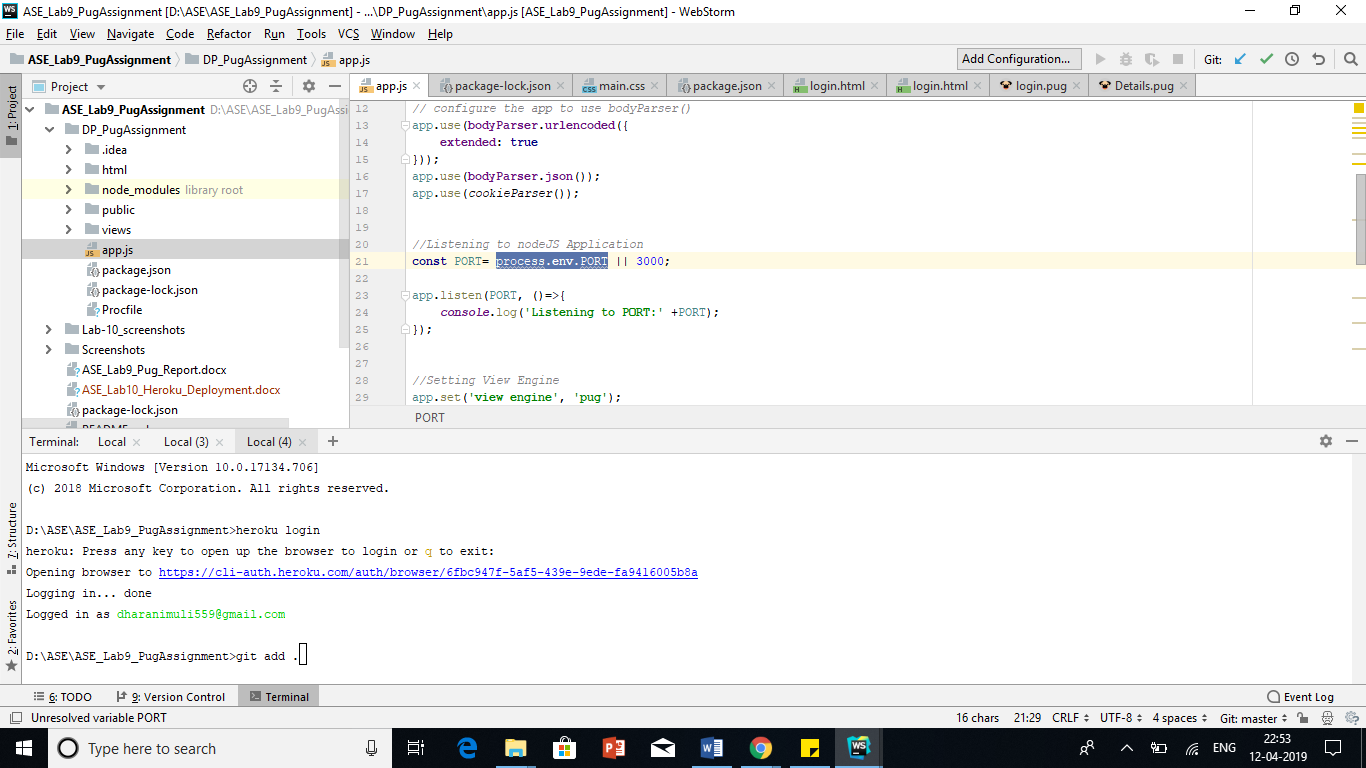
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**Step-4:** I make sure that node and npm versions in package.json is correct and also created “Procfile”.

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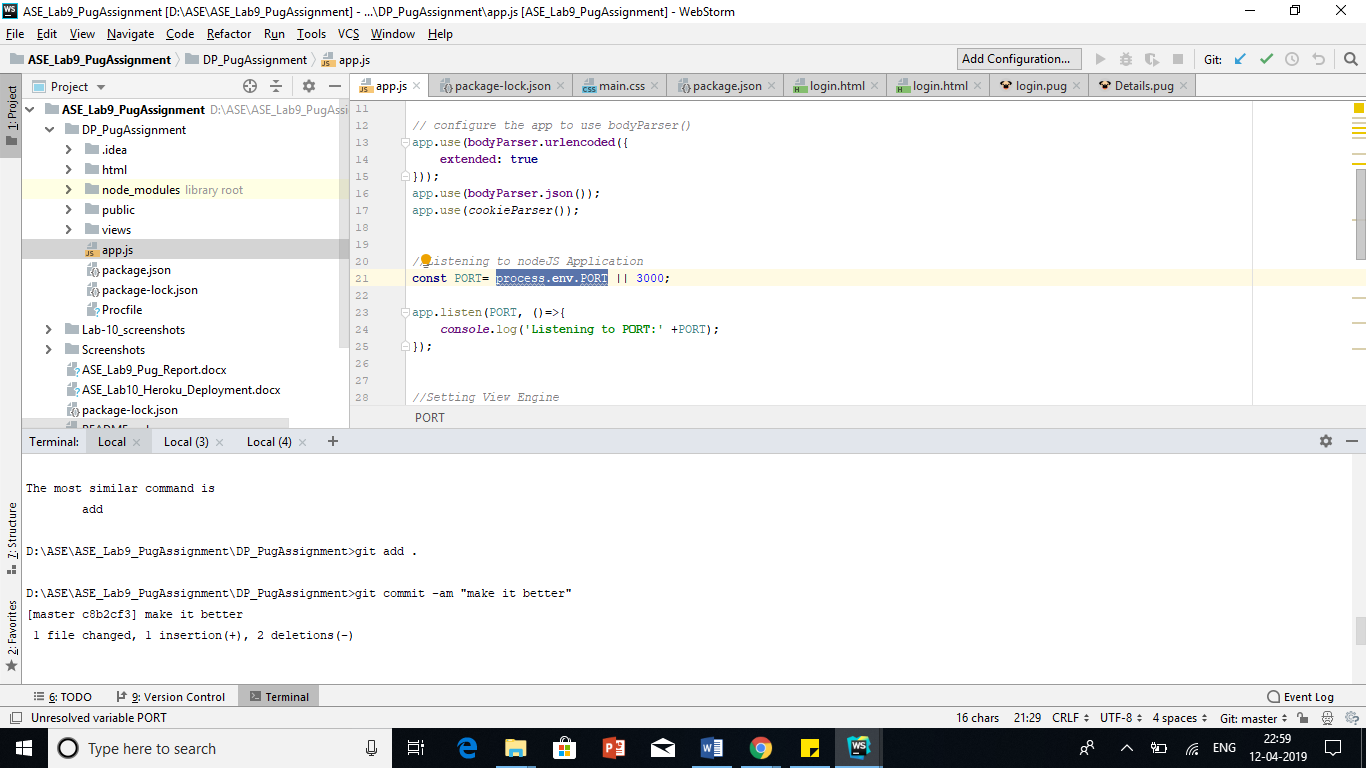
**Step-5:** As server has to listen to port number that Heroku gives so I added “**process.env.PORT** || 3000” to my app.js file “ so that now server will listen to Heroku port number if not it listen to my local host number.

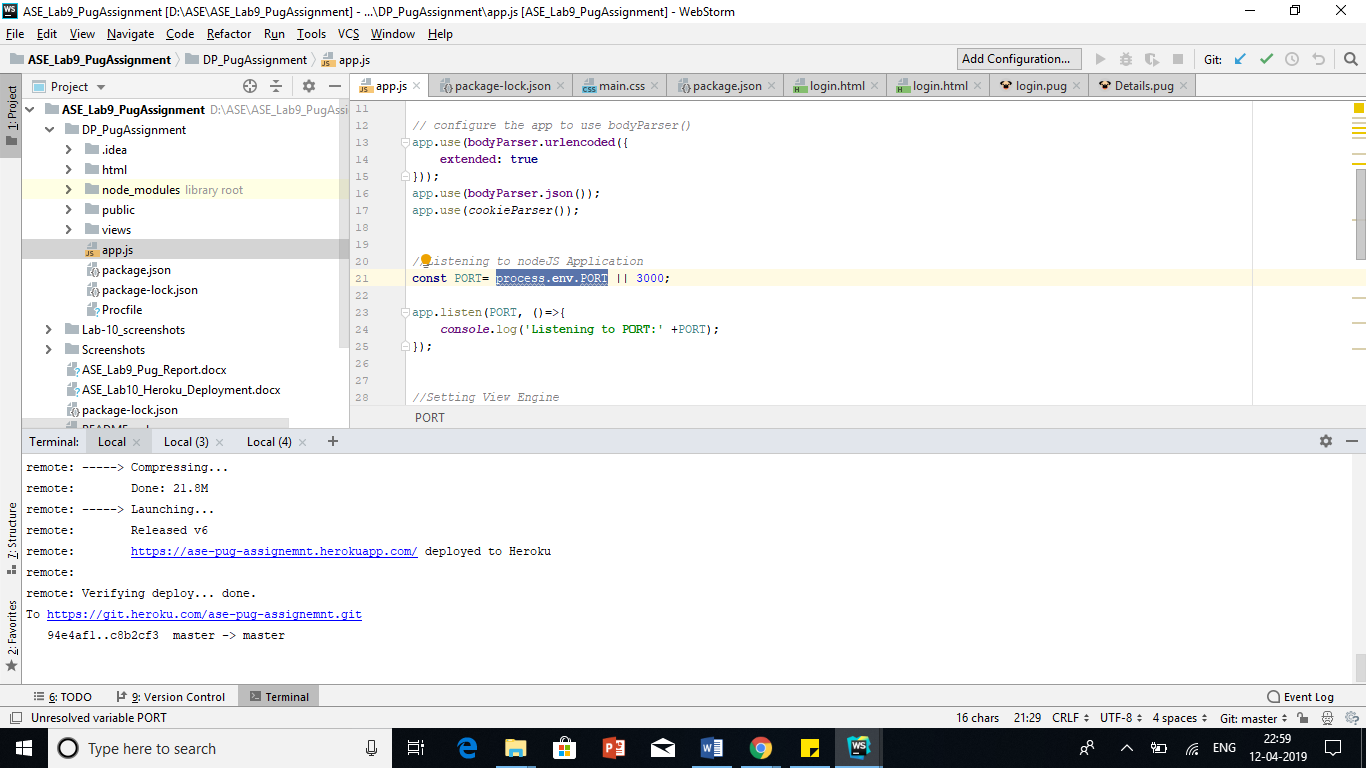
**Step-6:** Once I made these changes I committed my code to git and pushed into Heroku using below commands

>git add .

>git commit -am "Initial Deployment"

>git push heroku master

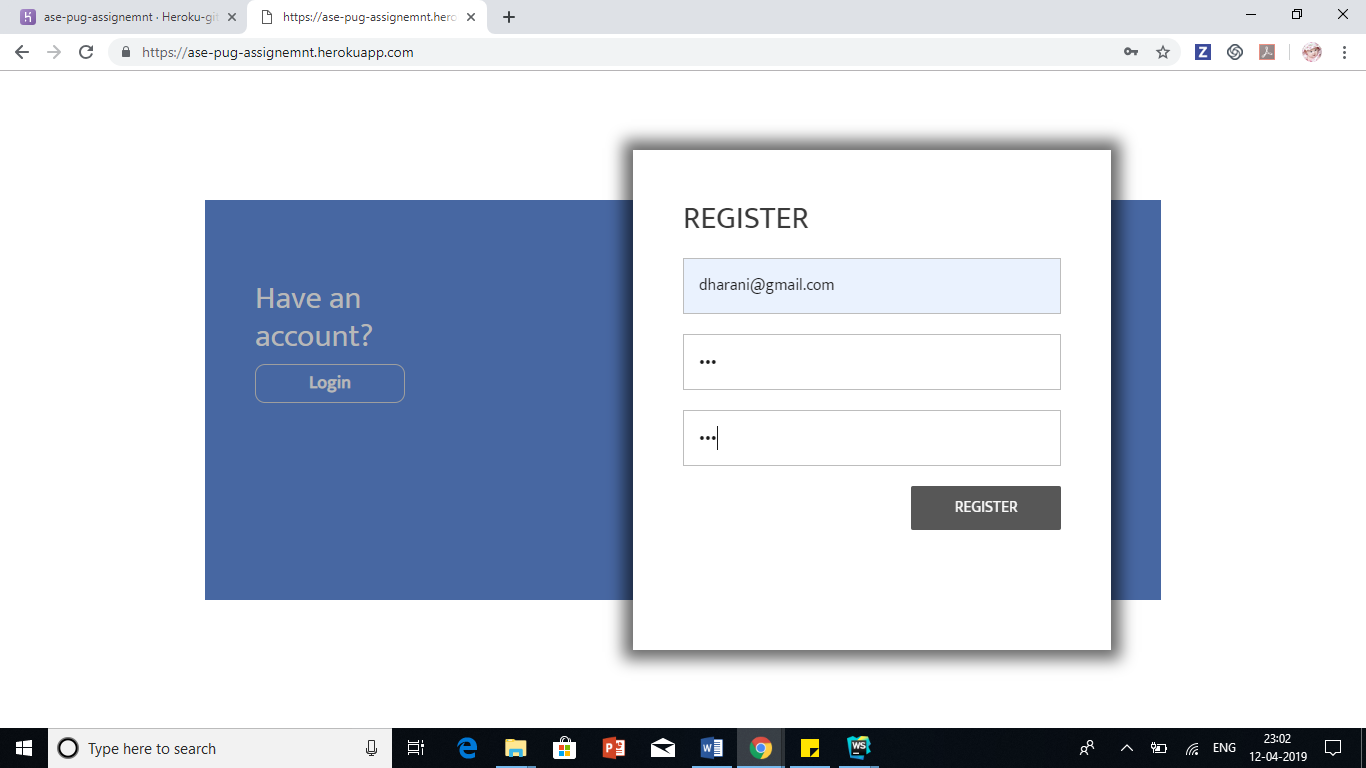
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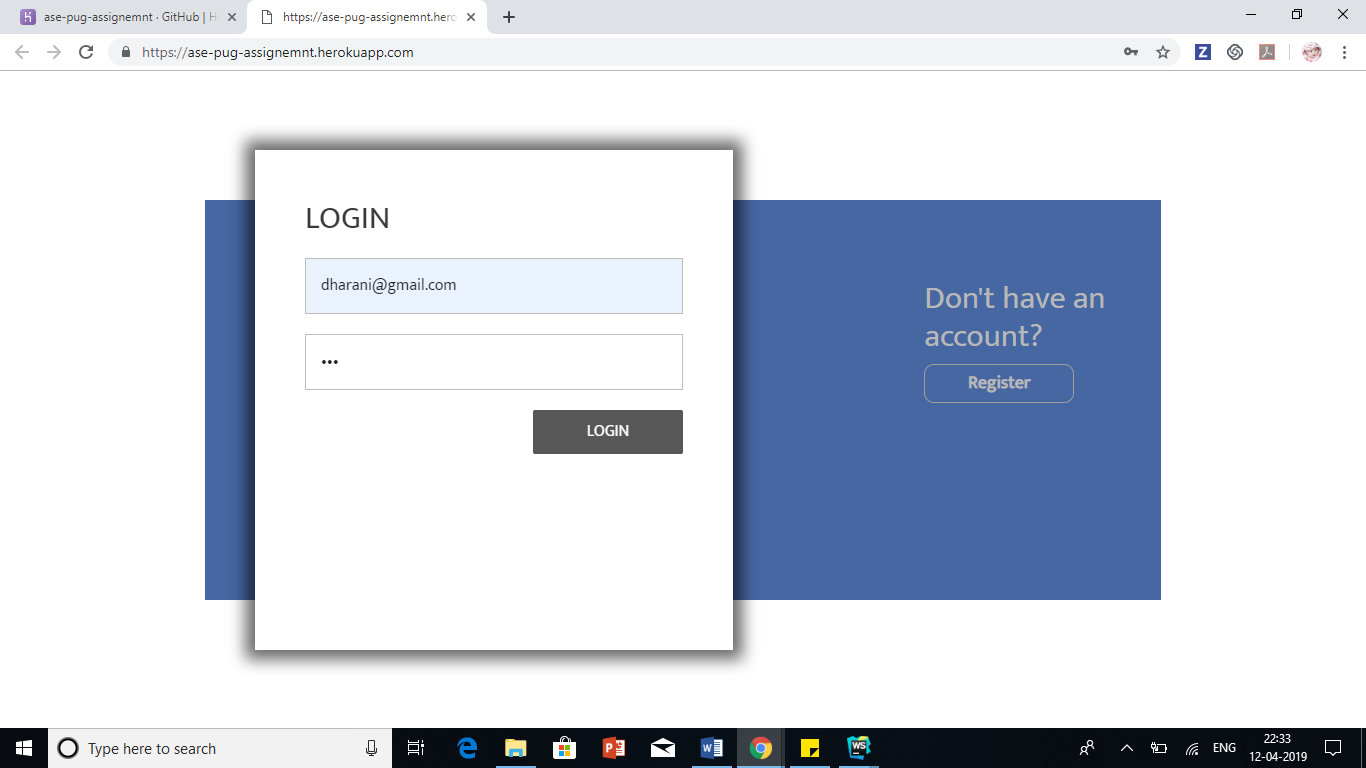
We were successfully able to deploy our application into Heroku and here is our globally deployed url: <https://ase-pug-assignemnt.herokuapp.com/>

**Sample output**

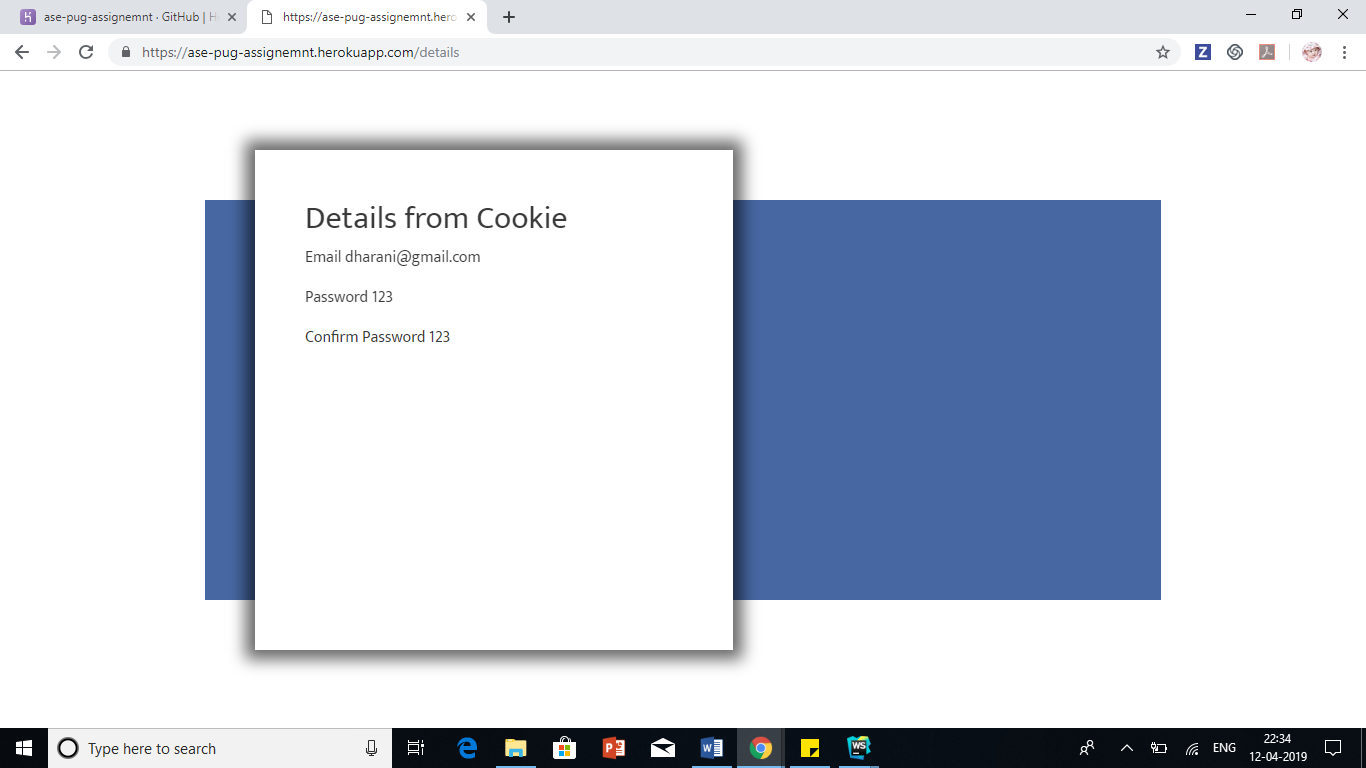
1. Register page



1. Login page

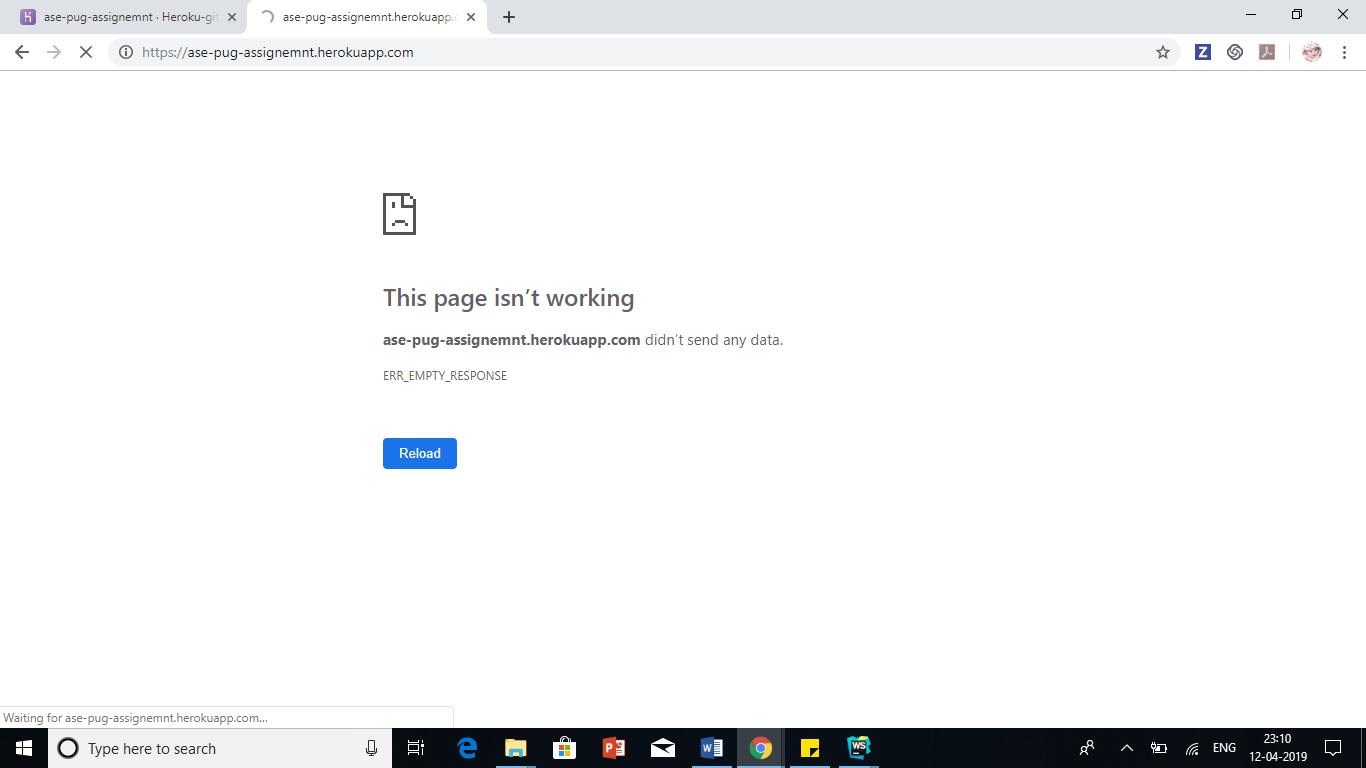


1. Details page



Issues/Limitations:

1. Initially, when I deployed I faced below error and then later I realized that I was running with my localhost port number , where in I am not running on the port which Heroku gives so I made changes to my app.js file and deployed again.



Team Contribution

Dharani:

1. Created Heroku account and app inside it.
2. Deployed application
3. Contributed in the creation of Wiki page, report and lab submission.

Chakra Pavan Kumar Kota:

1. Assisted Dharani when she was facing issues and successfully able to deploy our pug assignment into Heroku.
2. Contributed creation of Wiki page, report and lab submission.

Conclusion:

As this is my first experience of giving build, I was excited to do this exercise. With the same excitement I gained lot of knowledge on deployment process especially in Heroku and learned how to do trouble shoot while giving build.