MILESTONE 3
BY ARCHIE VERMA

DESIGN DECISIONS

At the beginning, I looked at different existing web applications and then I started to search for some appealing background images and I decided to edit my icons on top of those background images by adding icons and other things to make it look like the design I had in mind .After creating my login page I had to make my entire website similar in color and look, so I looked up for more backgrounds of similar shades and then used them and edited icons and other features on them. I tried to make it look more like what I designed in milestone 1 and visually appealing.I worked hard to get all the css in place and also struggled because for some pages the background image changed every time I added something new on top of it. In the end I believe, I designed it all well and made it look visually appealing.

CHALLENGES

I faced numerous challenges during the development of my project, main challenges were getting all of my website look similar in color and design, planning my sql schema, I realized that the schema I made in milestone 2 was not very good because while making the icons work I had to change numerous things in it to balance it and it was only in milestone 3 while the implementation process I realized the real importance of data schema, the main challenges I faced were during the implementation of my icons while understanding how to connect mysql and express server and then putting everything in separate html and .js files for different icons in relation with index.js. Implementing login, logout, message and email notification was a big challenge for me because I had to see all the lecture demos, research online and do a lot of trial and error.

CHANGES FOR THE FINAL IMPLEMENTATION

I changed my data schema tables multiple times during the development of my application, I removed groups and call features which I wrote in milestone 1, as I thought there won't be enough time for me to implement it. I added HTML files for all the icons during my final implementation which I did not add before and after doing that I made similar js and css files as well. In milestone 1, I decided to email the user their automatically generated user id but instead while doing the final implementation I added a page which automatically generates user id for the user after sign up. These are the main changes I made for the final implementation.

REFERENCES

1)I think practical exercise 6,7,9 and 10 and the lecture slide of week 9,10,11,12 were very useful for me because seeing them I got a clear idea about the implementation of mysql and connection between mysql and express server.

2)All the demos covered during the semester were all very useful as well for implementation of various things like Open ID, Node Mailer,Web Security,Express Server and Sql connection etc and also for learning better about them.

3)Overall I believe all the lectures and resources linked on my uni were very useful for me to be able to build this web application.