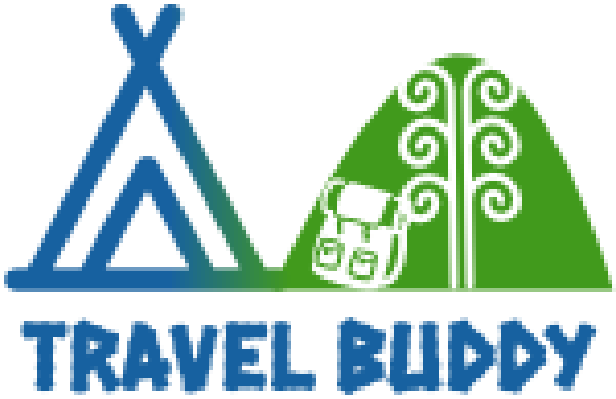


Travel buddy

Third Increment Report

By

Team 19 - Sprinterz
Gattu Sampath
Pottabathula Prathyusha
Sadanand Kallakuri
Nalla Abhiram Reddy

I. Existing Services/REST API

We used **Google Maps API**, **Yandex API, pi.fixer.io** for language translator, weatherunderground api, Currency Converter.

II. Detail Design of Features (using tools)

WireFrames and Mockups

Architecture diagram/Sequence diagram/Class diagram

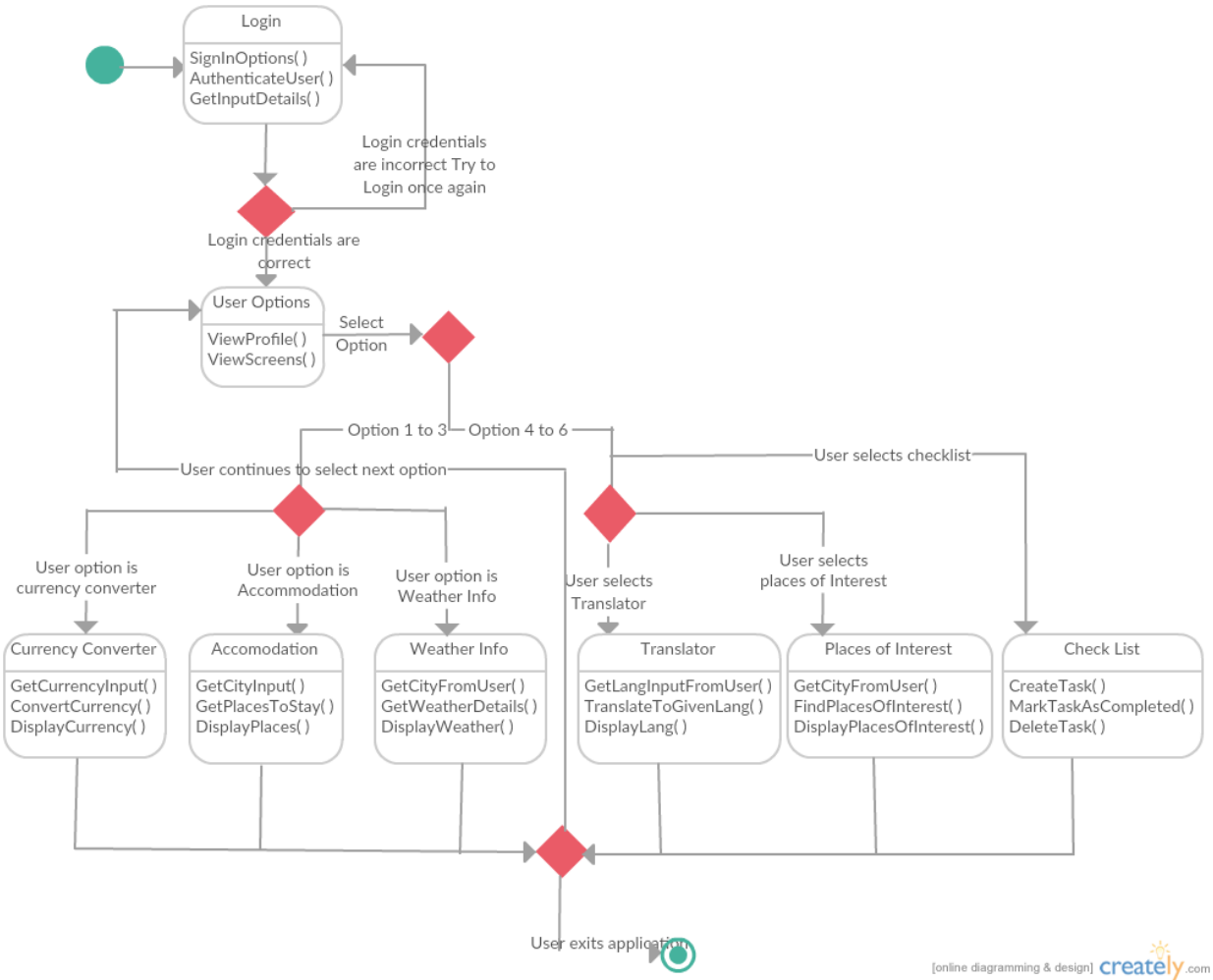


Fig: Architecture Diagram

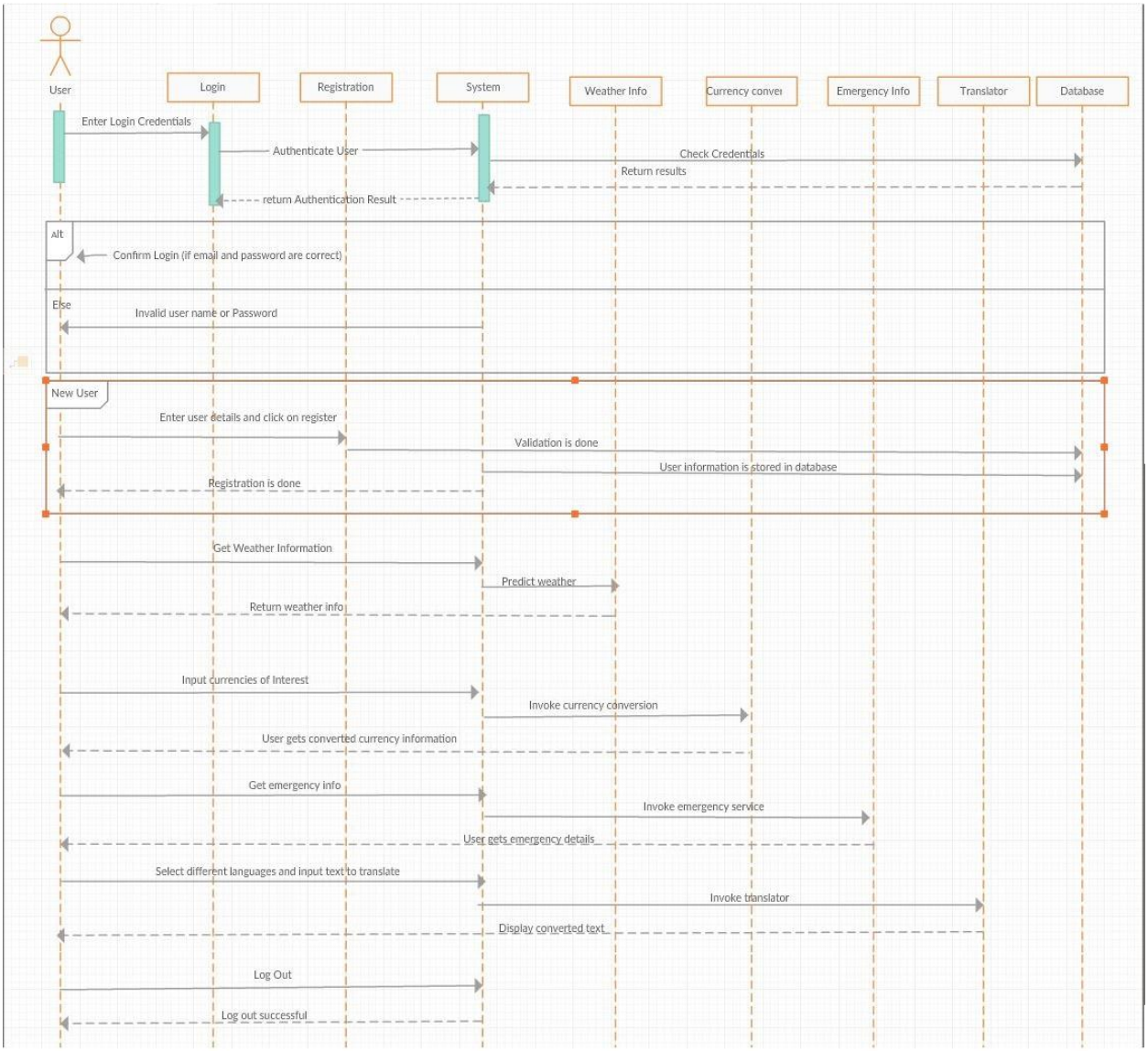


Fig: Sequence Diagram

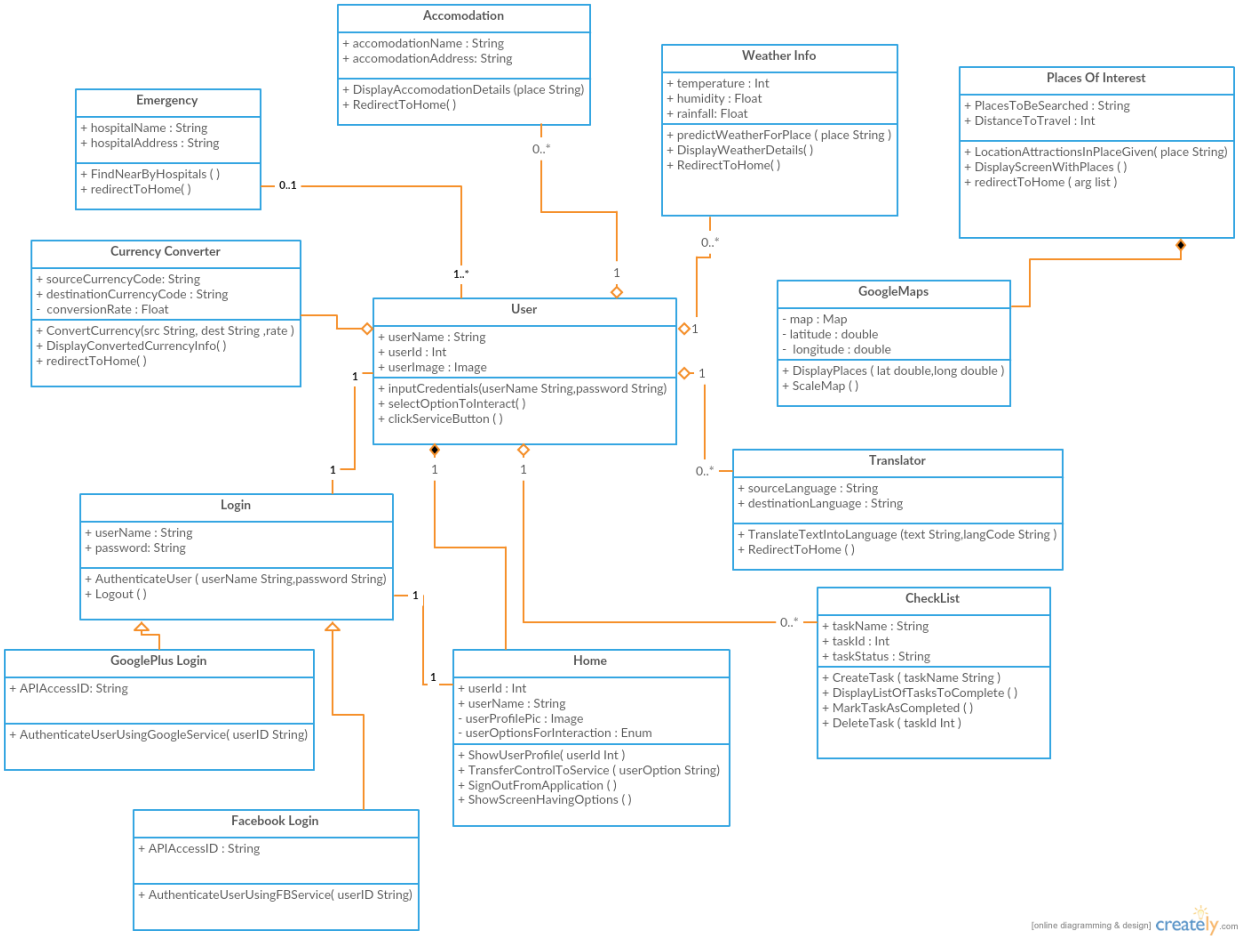


Fig: Class Diagram

Write User Stories /Use Case/Service description

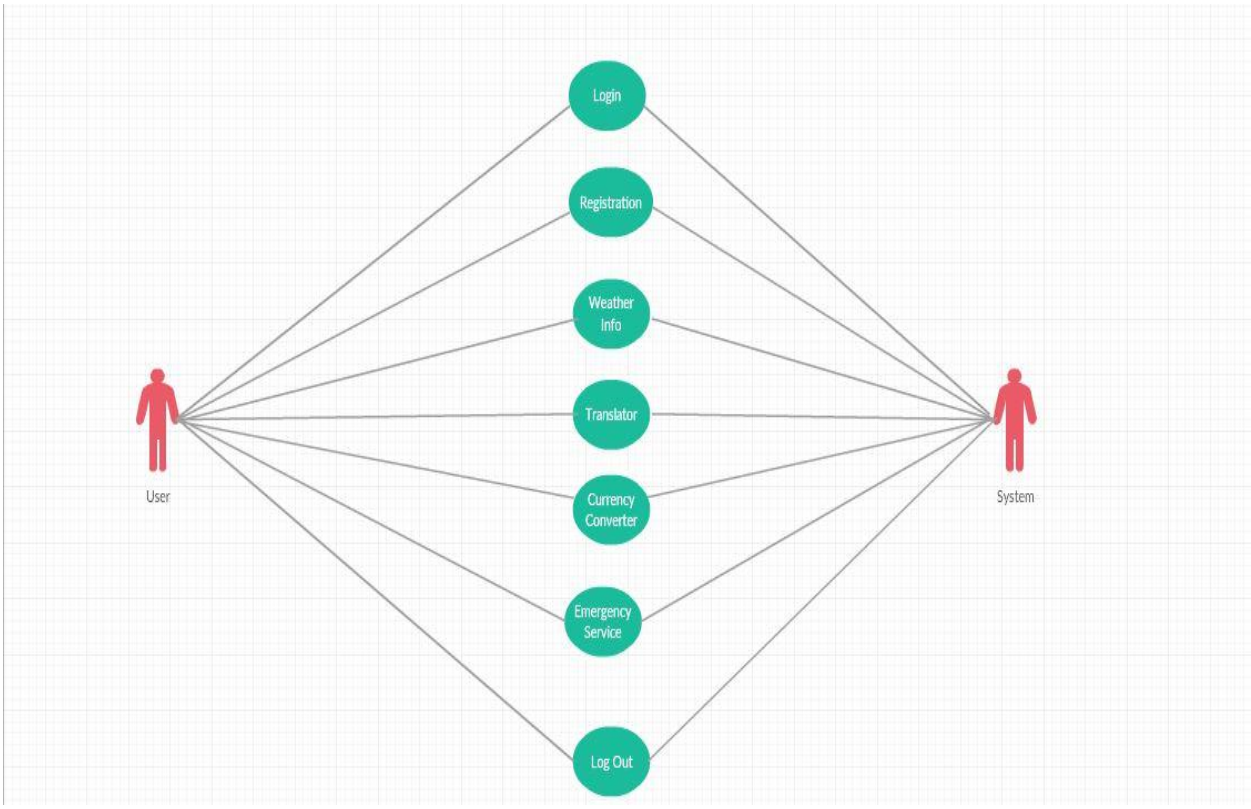


Fig: Use Case Diagram

III. Testing

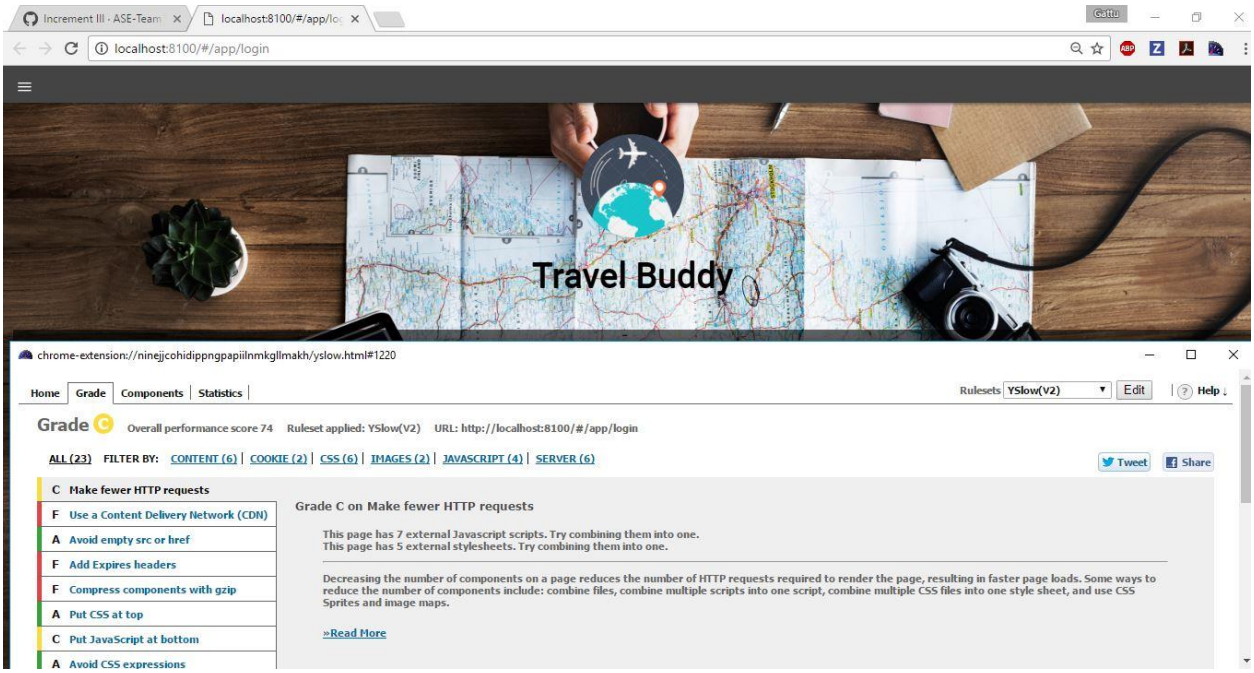
Below are the test cases and their outputs.

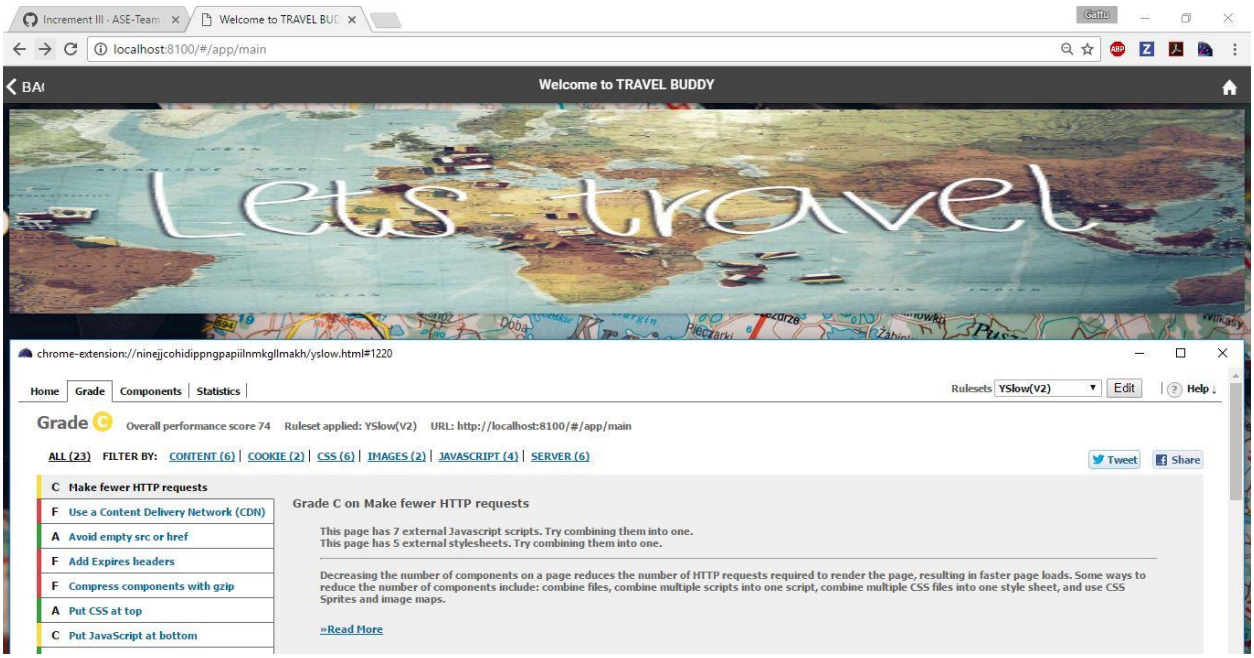
Test Case No.	Test Case Name	Pre Conditions	Input	Expected Output	Status
1	Login with null values	if user has not entered username and password	No values	Validation will be thrown to enter details	pass
2	Registration with null values	if user has not entered any details in registartion page	No values	Validation will be thrown to enter details	pass
3	Registration with invalid email id	Email must contain "@" and "." with minumum 2 characters after "."	Email = gattu	Enterd email must be shown wrong and should throw error	pass
4	Registration with invalid email id	Email must contain "@" and "." with minumum 2 characters after "."	Email = gattu@gmail	Enterd email must be shown wrong and should throw error	pass
5	Registration with invalid email id	Email must contain "@" and "." with minumum 2 characters after "."	Email = gattu@gmail.c	Enterd email must be shown wrong and should throw error	pass
6	Registration with invalid email id	Email must contain "@" and "." with minumum 2 characters after "."	Email = gattu@gmail.com	Validation is correct	pass
7	Registration with password	Password must be miniumum of 6 characters	Password = samp	validation must be thrown to say password must be minumum of 6.	pass
8	Registration with wrong confirm password	Both the password and confirm password must match inorder to success	Password = sampath confirm password = sam	validation must be thrown saying password doesn't match	pass
9	Registration with all valid details	if user enters all the details correct	Fname: Sampath Lname: Gattu Email: gattu@gmail.com password: sampath Confirm password: sampath	Validation is correct and page must be navigated to Home Page	pass

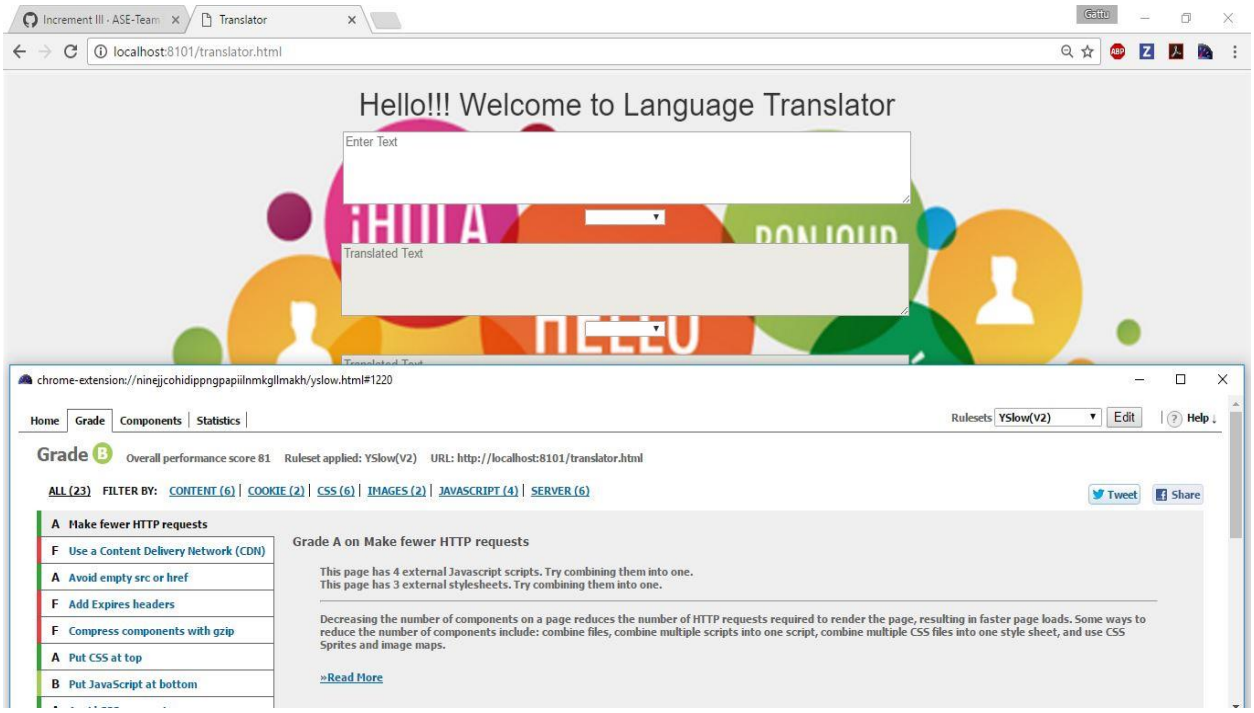
Fig: Testing

Performance Testing

We have performed the performance test using the Yslow.




Welcome to TRAVEL BUDDY
Lets travel
chrome-extension://ninejjcohidippngpapiilnmkgllmakh/yslow.html#1220
Home
Grade
Components
Statistics
Rulesets
YSlow(V2)
Edit
Help
Grade C
Overall performance score 74
Ruleset applied: YSlow(V2)
URL: http://localhost:8100/#/app/main
ALL (23)
FILTER BY:
CONTENT (6)
COOKIE (2)
CSS (6)
IMAGES (2)
JAVASCRIPT (4)
SERVER (6)
Tweet
Share
C Make fewer HTTP requests
F Use a Content Delivery Network (CDN)
A Avoid empty src or href
F Add Expires headers
F Compress components with gzip
A Put CSS at top
C Put JavaScript at bottom
Grade C on Make fewer HTTP requests
This page has 7 external Javascript scripts. Try combining them into one.
This page has 5 external stylesheets. Try combining them into one.
Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.
»Read More


Translator
localhost:8101/translator.html
Hello!!! Welcome to Language Translator
Enter Text
Translated Text
chrome-extension://ninejjcohidippngpapiilnmkgllmakh/yslow.html#1220
Home
Grade
Components
Statistics
Rulesets
YSlow(V2)
Edit
Help
Grade B
Overall performance score 81
Ruleset applied: YSlow(V2)
URL: http://localhost:8101/translator.html
ALL (23)
FILTER BY:
CONTENT (6)
COOKIE (2)
CSS (6)
IMAGES (2)
JAVASCRIPT (4)
SERVER (6)
Tweet
Share
A Make fewer HTTP requests
F Use a Content Delivery Network (CDN)
A Avoid empty src or href
F Add Expires headers
F Compress components with gzip
A Put CSS at top
B Put JavaScript at bottom
Grade A on Make fewer HTTP requests
This page has 4 external Javascript scripts. Try combining them into one.
This page has 3 external stylesheets. Try combining them into one.
Decreasing the number of components on a page reduces the number of HTTP requests required to render the page, resulting in faster page loads. Some ways to reduce the number of components include: combine files, combine multiple scripts into one script, combine multiple CSS files into one style sheet, and use CSS Sprites and image maps.
»Read More

IV. Implementation

This document is a report of third iteration of work performed on the Travel Buddy Mobile App. The document emphasizes on the details of the app and the progress of the work done so far in developing the app. This document intends to provide an overall description of the project named "Travel Buddy" in detail.

The outcome of the third increment is Currency Converter, Twitter API and Weather and temperature Information integration of services and deployment of the application in Ionic platform.

In this phase of the project we have used the mentioned APIs to integrate the feature of Twitter API and Weather API based on the location. The module of Currency Converter is developed has been integrated into the application. All these modules along with Login page and Registration page which was web app is also developed in Ionic platform.

V. Deployment

Login Page:

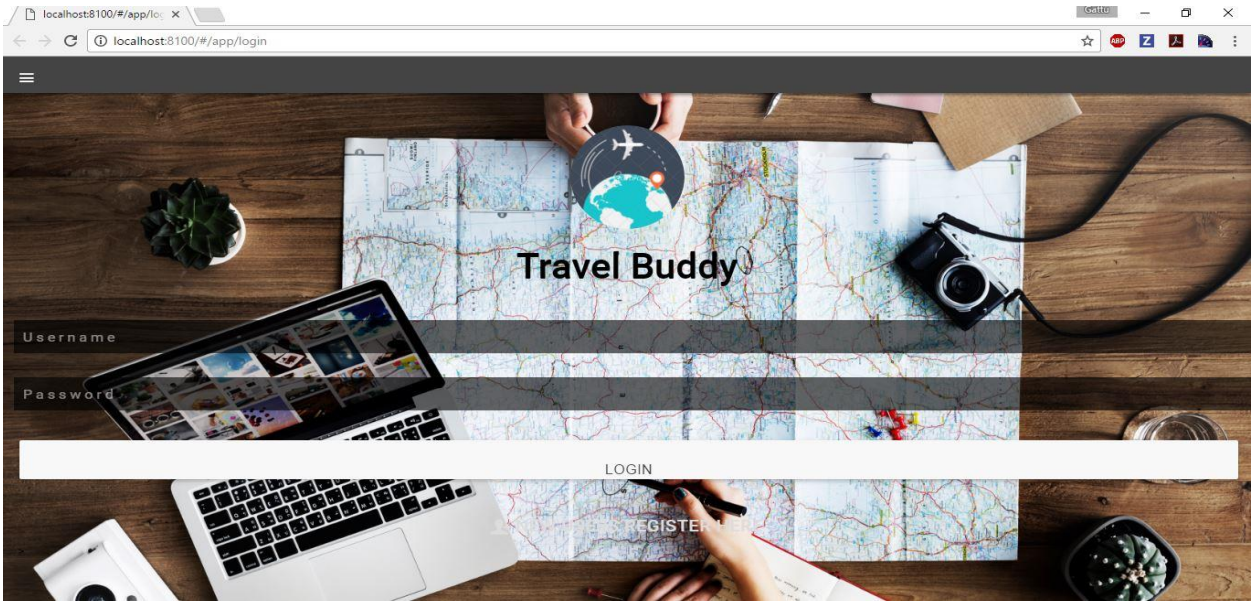


Fig: Web-Login

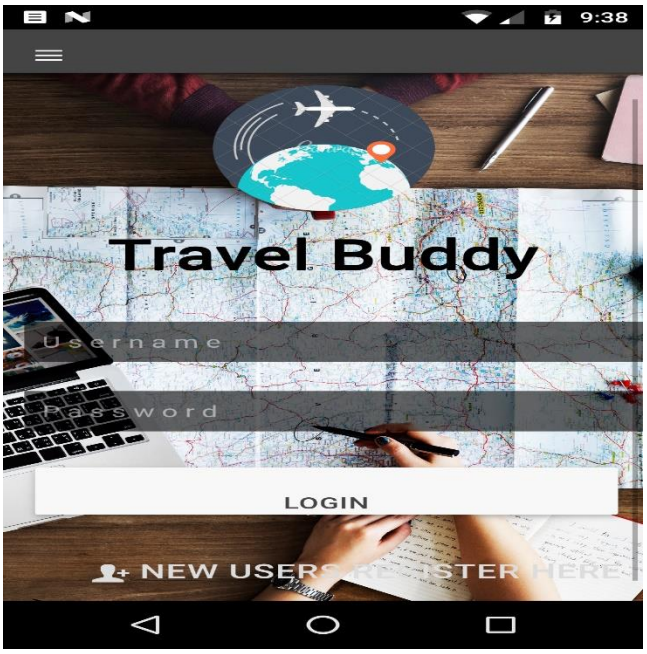


Fig: Android-Login

Registration Page:

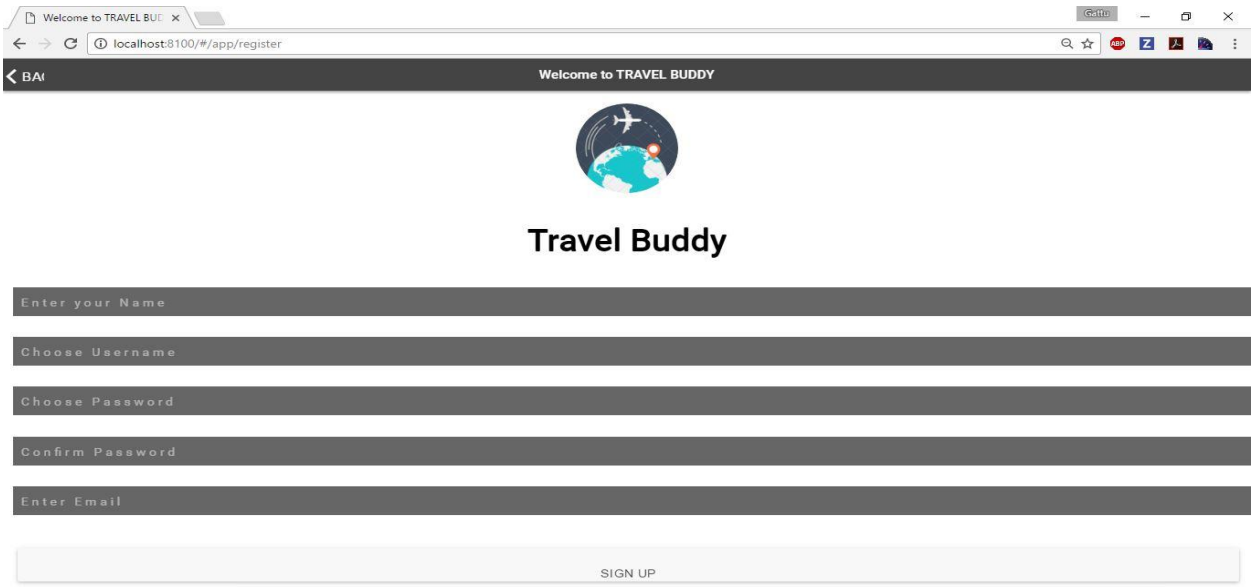


Fig: Web-Registration

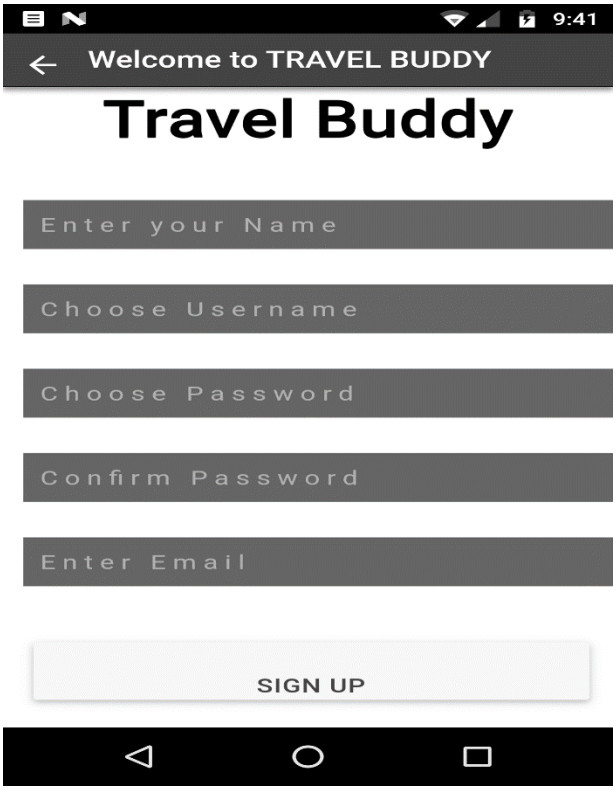


Fig: Android-Registration

Home Page

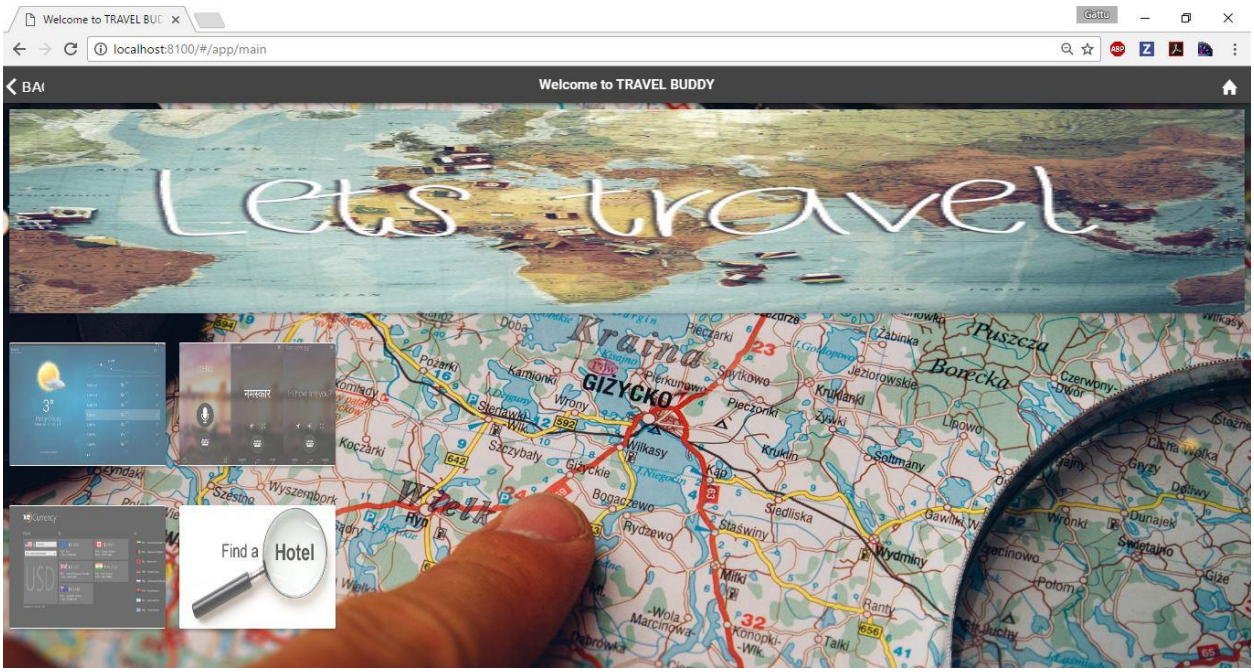


Fig: Web-Home

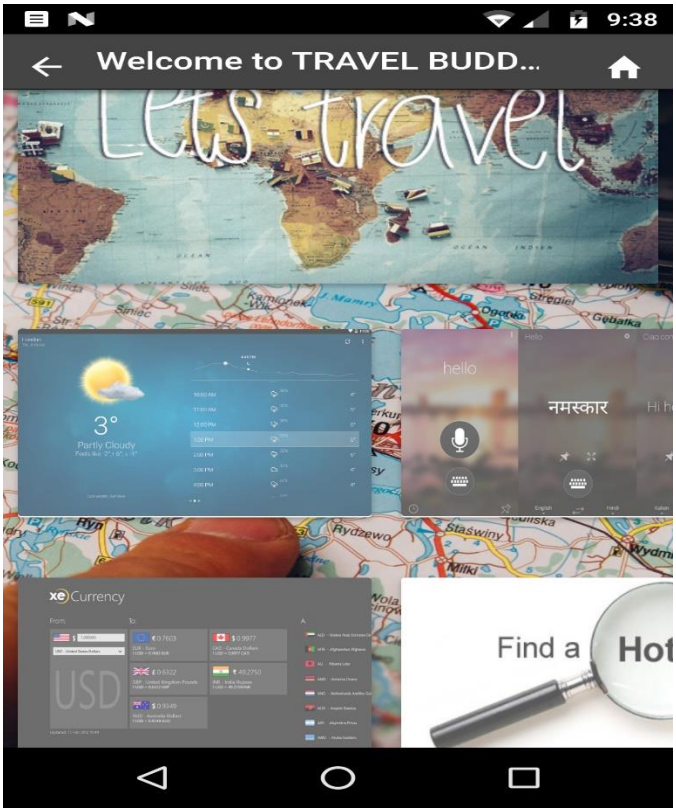


Fig: Android Home

Language Translator

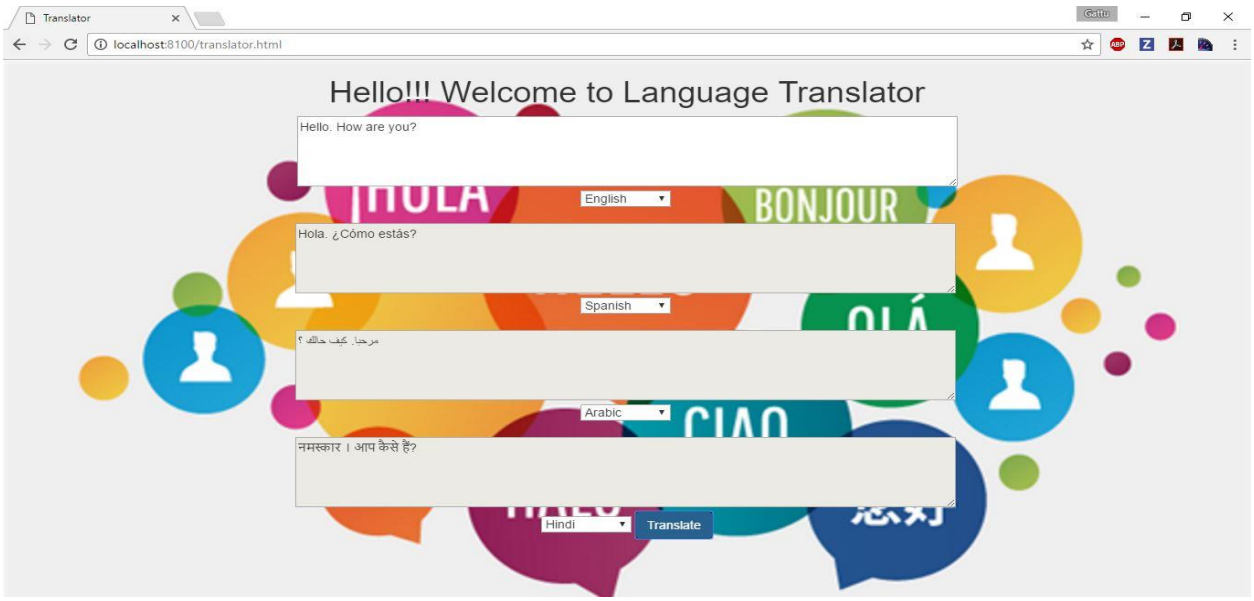


Fig: Web-Language-Translator

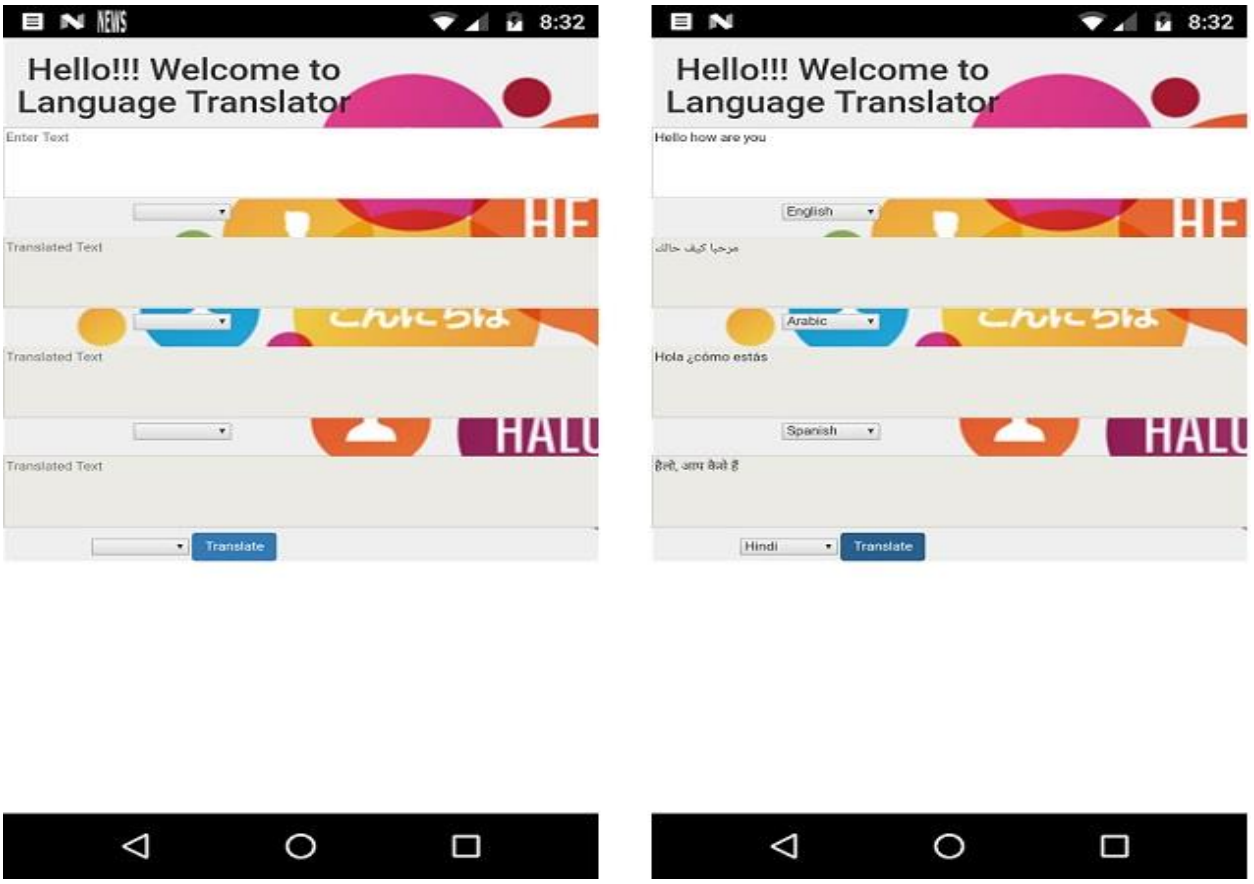


Fig: Android-Language- Translator

Currency Converter:

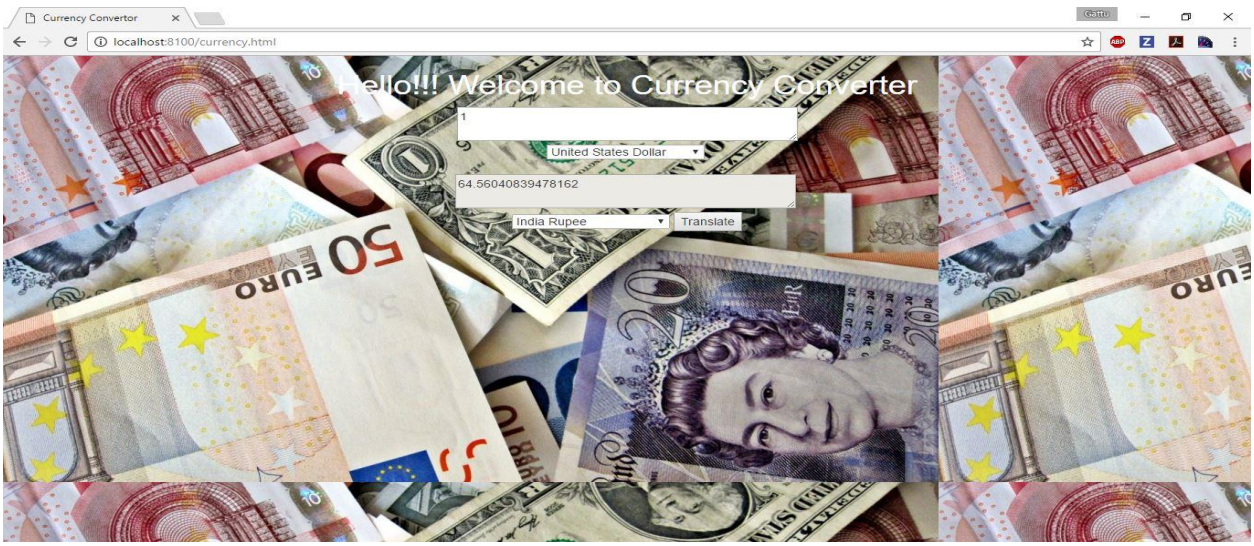


Fig: Web Currency Converter

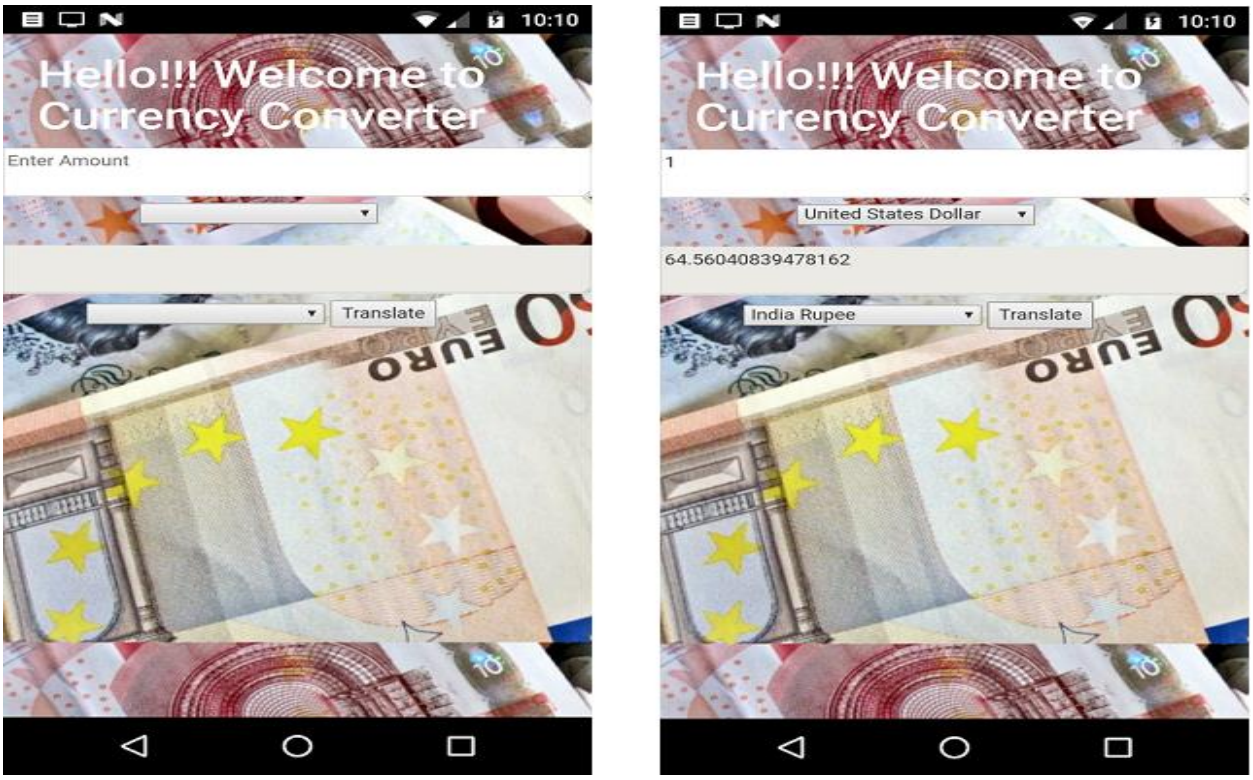


Fig: Android-Currency-Converter

VI. Project Management

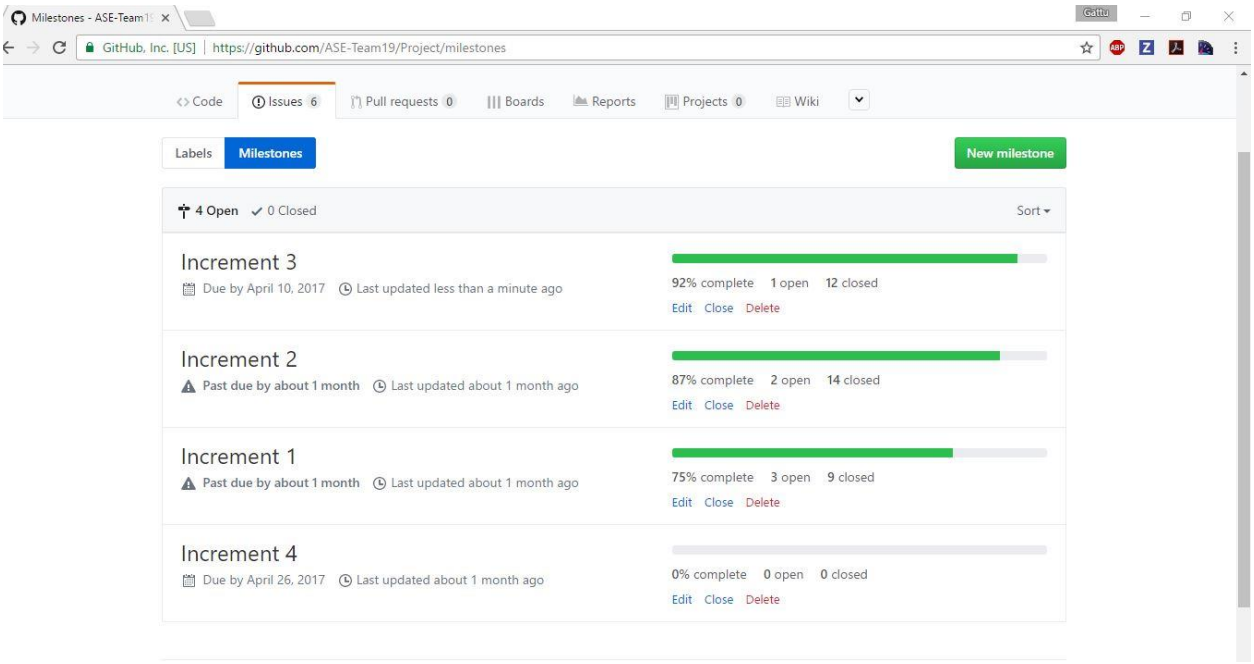


Fig: Milestones

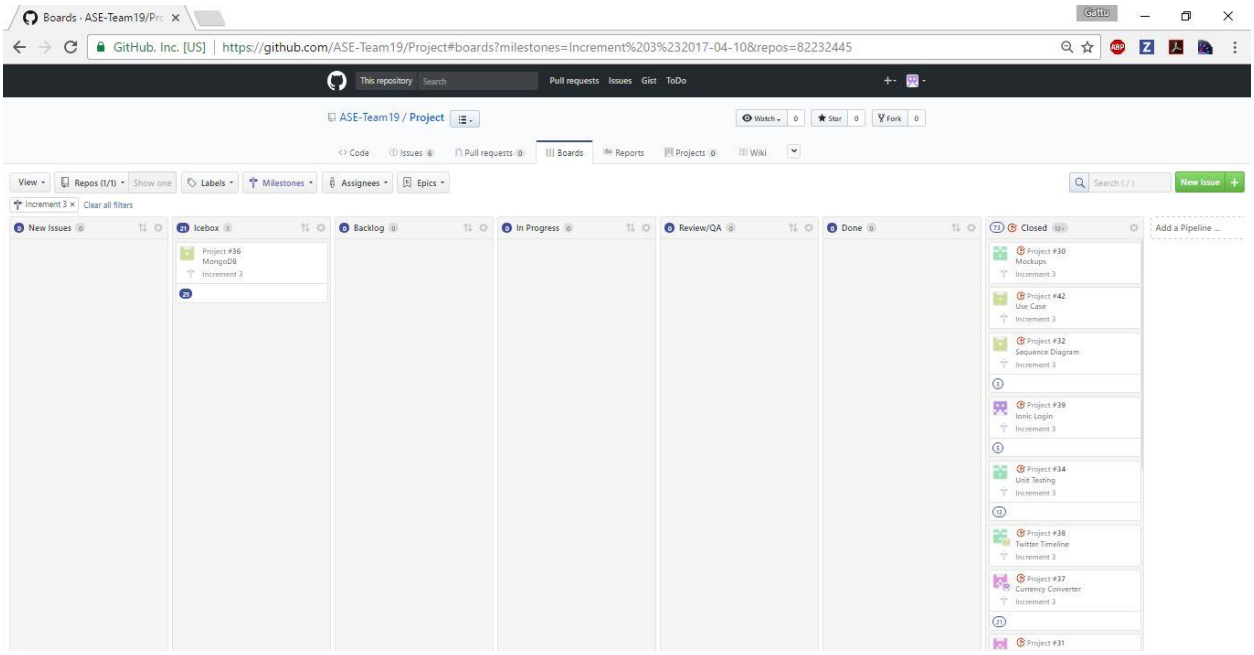


Fig: Board

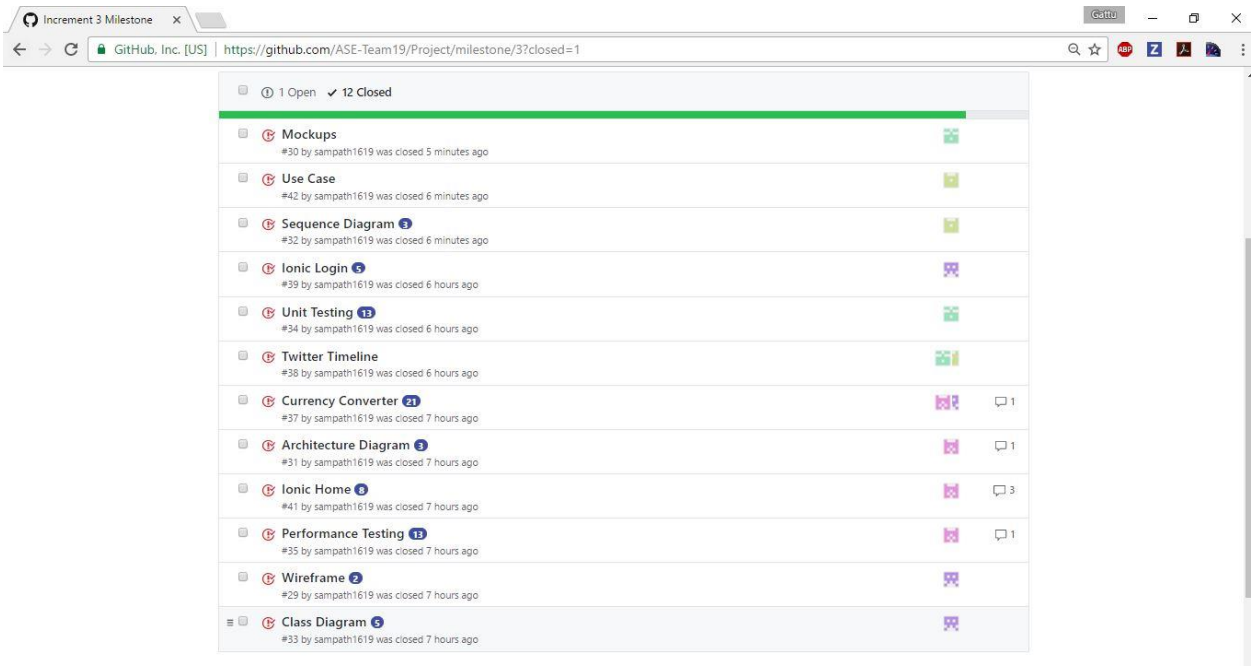


Fig: Work Completed

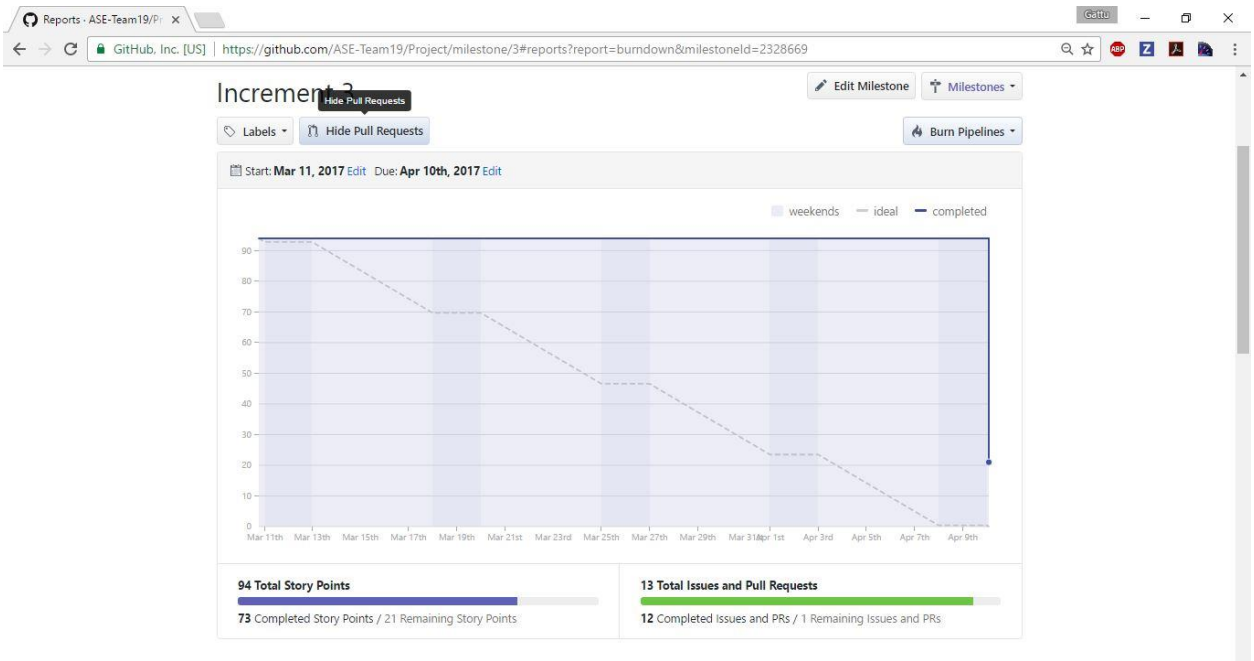


Fig: Burn Chart

Technology Used:

- HTML, CSS, Bootstrap, JS and Angular JS , MongoDB

Work Completed

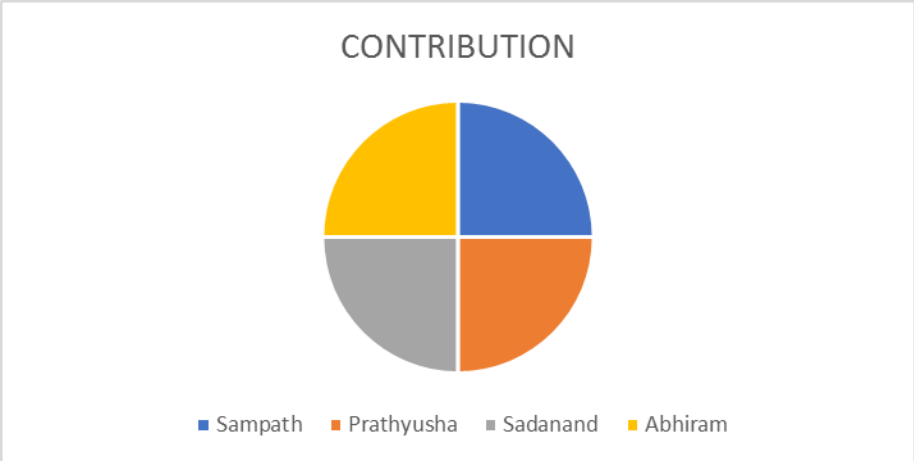
- Design and Architecture of the Application
- Ionic Login, Registration and home page
- Ionic Login page register page validation
- User credentials stored in mongo DB
- Weather API , Language Translator , Currency converter and Twitter Timeline
- Hotel search implementation

GitHub Link: https://github.com/ASE-Team19/Project

Wiki Link: https://github.com/ASE-Team19/Project/wiki/Increment-III

Contribution:

- Sampath Gattu – 25%
- Prathyusha Pottabathula – 25%
- Sadanand Kallakuri – 25%
- Nalla Abhiram Reddy – 25%



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