

CS 5551 Advanced Software Engineering

Project Final Increment Report

App Name: Get On Wheels

Team#: 4 (Elite4)

Team Members:

Namana Rajeswari Devi

Gogadi Sravanthi

Bhargavi Nadendla

Khushbu Shashikant Kolhe

Get On Wheels

1. Introduction

Get On Wheels is an application, which helps the user to find nearby restaurants, movie theatres and shopping malls, and helps in instantaneous planning, by providing the user with weather info for the day, a list of movies currently playing, food items available in restaurants etc. Also helps travelers as rating for searched locations will be provided and is flexible to use while driving as it reduces the typing time.

2. Project Goals and objectives

2.1 Overall Goals And Objectives:

It is an app related to:

1. Movies - where user can view the nearby movie theatres based on his/her location, see the movies list, their trailers, reviews, ratings, and book tickets through the link provided. Navigation is also provided.
2. Meals - User will come to know the nearby restaurants , their ratings, their menu and cost in their area. The user will get a list of restaurants or can search a one of his choice. He will also be shown directions to that restaurant.
3. Shopping - Here user will be allowed to see the nearby shopping malls to his/her location or can enter a new location. When clicked on a specific mall on the map, all the details like its website, address, phone, rating, hours, photos will be displayed.
4. Restaurant - Here user will be allowed to see the nearby restaurants his/her location. User can also filter the restaurants based on cuisines. When clicked on a specific restaurant all the details like its website, address, average cost, user rating. On the same page below that there is a map, on clicking the map user

5. sees the navigation from the current location to the restaurant. Below that reviews for the restaurants are also displayed.
-

2.2 Significance and Specific Features :

It is a single multi purpose app to avoid excess user typing time especially while driving. This app is useful in the following cases: When the user is driving and doesn't want to keep typing and searching for different places (even weather info for the day without typing the location will be displayed on the start screen). It's a perfect app for enjoying a whole day out (helpful for instantaneous planning). Useful when travelling to new places.

3. Project Plan

3.1 Schedule for the four different increments

Project is completed in four increments, the schedules are shown in the below screenshot:

The screenshot shows the GitHub interface for the repository 'rajeswari-namana / Get-On-Wheels-Project'. The top navigation bar includes links for 'Pull requests', 'Issues', 'Marketplace', 'Explore', 'ToDo', and various user statistics like 'Watch', 'Star', and 'Fork'. Below the header, there are tabs for 'Code', 'Issues 10', 'Pull requests 0', 'Boards', 'Reports', 'Projects 1', 'Wiki', and 'Insights'. The 'Milestones' tab is currently selected. A green button at the top right says 'New milestone'. The main content area displays four milestones:

- Increment 1**: Due by September 22, 2017. Last updated 2 minutes ago. Progress: 33% complete (10 open, 5 closed). Actions: Edit, Close, Delete.
- Increment 4**: Due by December 7, 2017. Last updated about 9 hours ago. Progress: 0% complete (0 open, 0 closed). Actions: Edit, Close, Delete.
- Increment 3**: Due by November 15, 2017. Last updated about 9 hours ago. Progress: 0% complete (0 open, 0 closed). Actions: Edit, Close, Delete.
- Increment 2**: Due by October 13, 2017. Last updated about 9 hours ago. Progress: 0% complete (0 open, 0 closed). Actions: Edit, Close, Delete.

3.2 Members:

1. Namana Rajeswari Devi
2. Gogadi Sravanthi
3. Bhargavi Nadendla
4. Khushbu Shashikant Kolhe

Below are the issues that are created.

3.3.1 Issues Screenshot:

Tasks are assigned to different team members. Once, the tasks are completed, they are closed.

rajeswari-namana / Get-On-Wheels-Project

Watch 0 Star 0 Fork 0

Code Issues 10 Pull requests 0 Boards Reports Projects 1 Wiki Insights

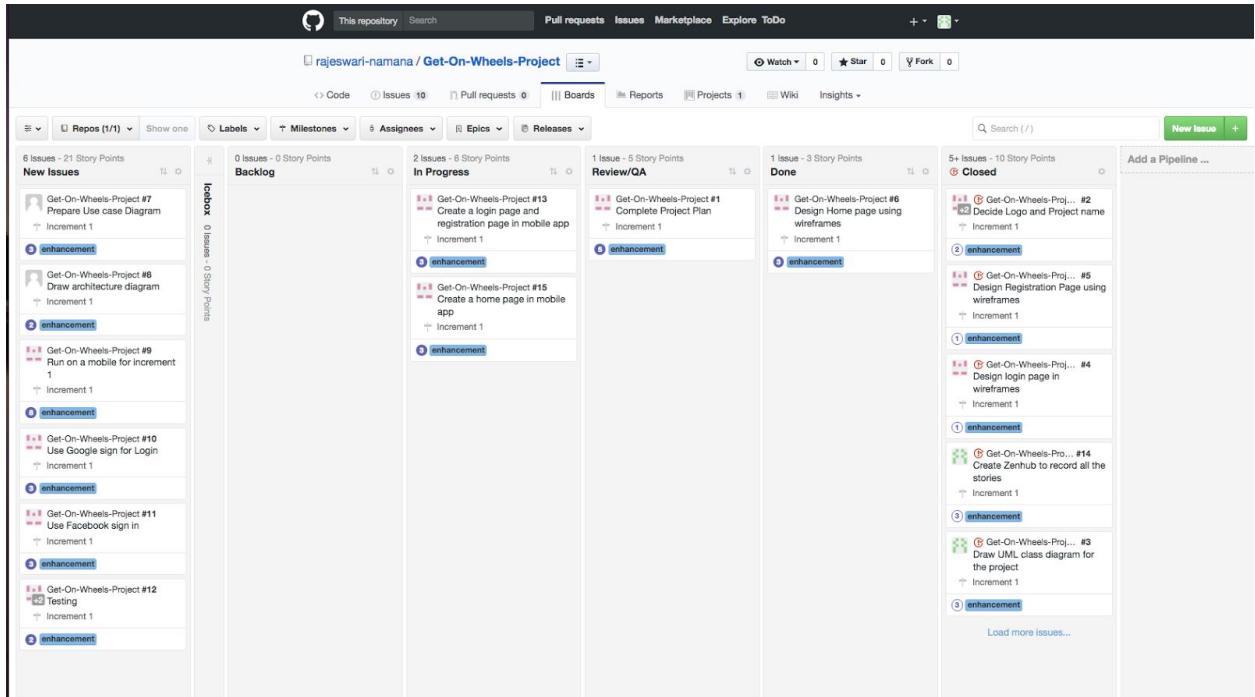
Filters is:issue is:open Labels Milestones New issue

	Author ▾	Labels ▾	Projects ▾	Milestones ▾	Assignee ▾	Sort ▾
① 10 Open ✓ 5 Closed						
① Create a home page in mobile app enhancement 3	#15 opened 5 hours ago by khushbukolhe	Increment 1	In Progress			
① Create a login page and registration page in mobile app enhancement 3	#13 opened 14 hours ago by khushbukolhe	Increment 1	In Progress			
① Testing enhancement 2	#12 opened 14 hours ago by khushbukolhe	Increment 1	New Issues			
① Use Facebook sign in enhancement 3	#11 opened 14 hours ago by khushbukolhe	Increment 1	New Issues			
① Use Google sign for Login enhancement 3	#10 opened 14 hours ago by khushbukolhe	Increment 1	New Issues			
① Run on a mobile for increment 1 enhancement 8	#9 opened 14 hours ago by khushbukolhe	Increment 1	New Issues			
① Draw architecture diagram enhancement 2	#8 opened 14 hours ago by khushbukolhe	Increment 1	New Issues			
① Prepare Use case Diagram enhancement 3	#7 opened 14 hours ago by khushbukolhe	Increment 1	New Issues			
① Design Home page using wireframes enhancement 3	#6 opened 14 hours ago by khushbukolhe	Increment 1	Done			
① Complete Project Plan enhancement 5	#1 opened 14 hours ago by khushbukolhe	Increment 1	Review/QA			

💡 ProTip! Mix and match filters to narrow down what you're looking for.

Remaining Issues and Pull Requests		Story points
① Complete Project Plan	enhancement	5
Get-On-Wheels-Project #1	IIIReview/QA ↑ Increment 1	
① Design Home page using wireframes	enhancement	1
Get-On-Wheels-Project #6	III Done ↑ Increment 1	
① Prepare Use case Diagram	enhancement	3
Get-On-Wheels-Project #7	III New Issues ↑ Increment 1	
① Draw architecture diagram	enhancement	2
Get-On-Wheels-Project #8	III New Issues ↑ Increment 1	
① Run on a mobile for increment 1	enhancement	8
Get-On-Wheels-Project #9	III New Issues ↑ Increment 1	
① Use Google sign for Login	enhancement	3
Get-On-Wheels-Project #10	III New Issues ↑ Increment 1	
① Use Facebook sign in	enhancement	3
Get-On-Wheels-Project #11	III New Issues ↑ Increment 1	
① Testing	enhancement	2
Get-On-Wheels-Project #12	III New Issues ↑ Increment 1	
① Create a login page and registration page in mobile app	enhancement	3
Get-On-Wheels-Project #13	III In Progress ↑ Increment 1	
① Create a home page in mobile app	enhancement	3
Get-On-Wheels-Project #15	III In Progress ↑ Increment 1	
Completed Issues and Pull Requests		Story points
② Decide Logo and Project name	enhancement	2
Get-On-Wheels-Project #2	III Done ↑ Increment 1	
② Draw UML class diagram for the project	enhancement	3
Get-On-Wheels-Project #3	III Done ↑ Increment 1	
② Design login page in wireframes	enhancement	1
Get-On-Wheels-Project #4	III Review/QA ↑ Increment 1	
② Design Registration Page using wireframes	enhancement	1
Get-On-Wheels-Project #5	III New Issues ↑ Increment 1	
② Create Zenhub to record all the stories	enhancement	3
Get-On-Wheels-Project #14	III Done ↑ Increment 1	

3.3.2 Storyboard Screenshot:



4.1 Implementation

Our app will make use of the following APIs:

1. Google Maps API - for displaying maps
2. Open Weather Map API - for weather information
3. Gracenote Developer Video+Sports API - for movies information
4. TMDB API - for movies information
5. Google Places API - for shopping malls information
6. Zomato API - for restaurants and food information
7. Opentable API - for restaurants and food information
8. Sqoot API - to get the nearby details available.

4.2 Detail Design of Features

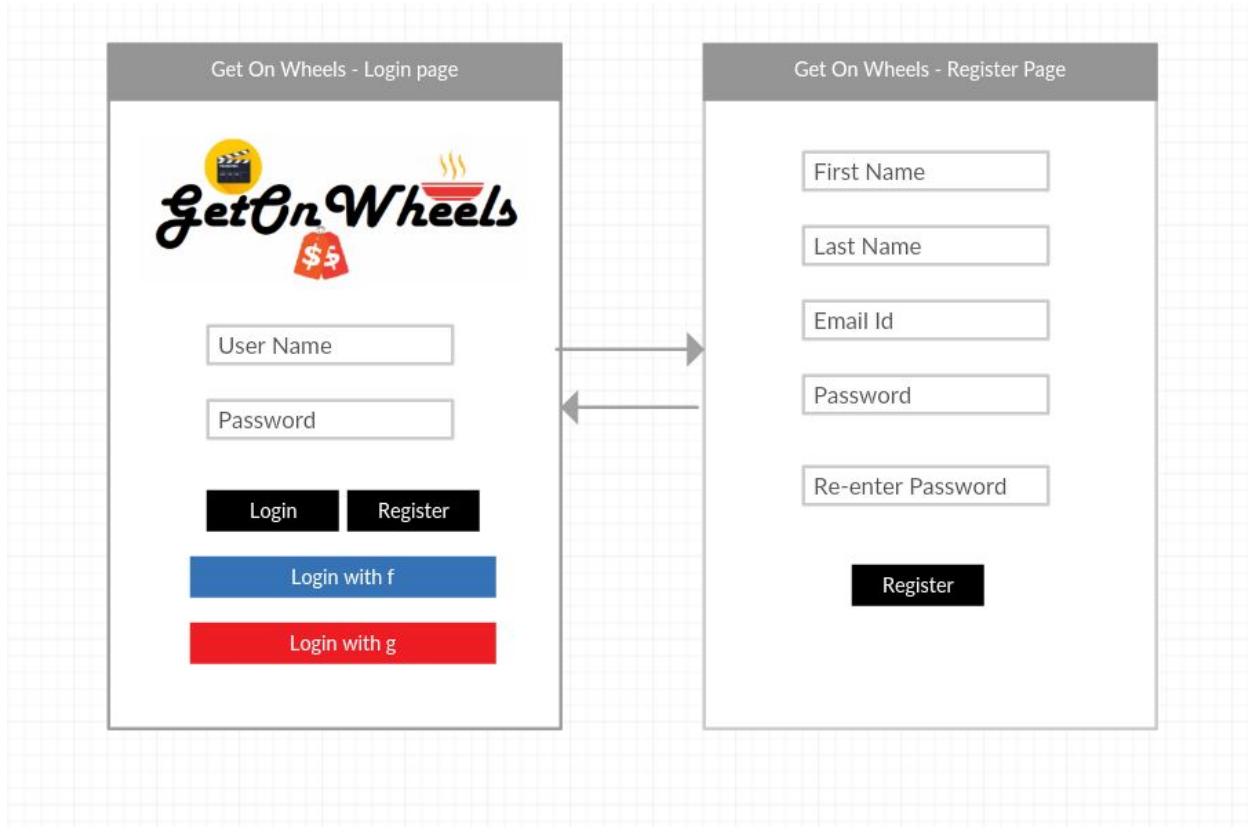
4.2.1 Logo Design:



4.2.2 Mockup Using Creately tool:

Screen 1 (Login & Registration Pages)

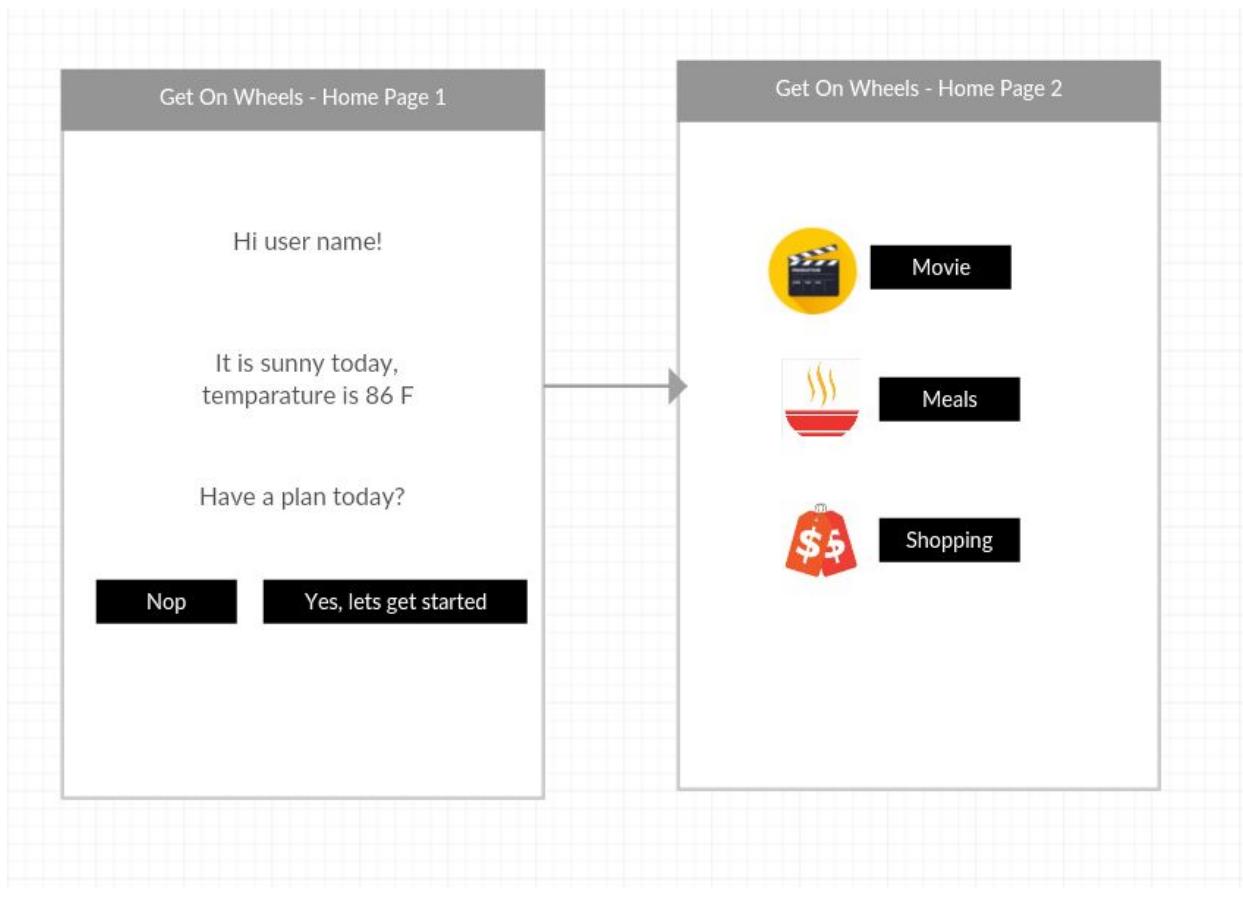
The user will be able to login or sign up using either his/her username, facebook or google account.



Screen 2, 3 (Weather Info & Home Pages)

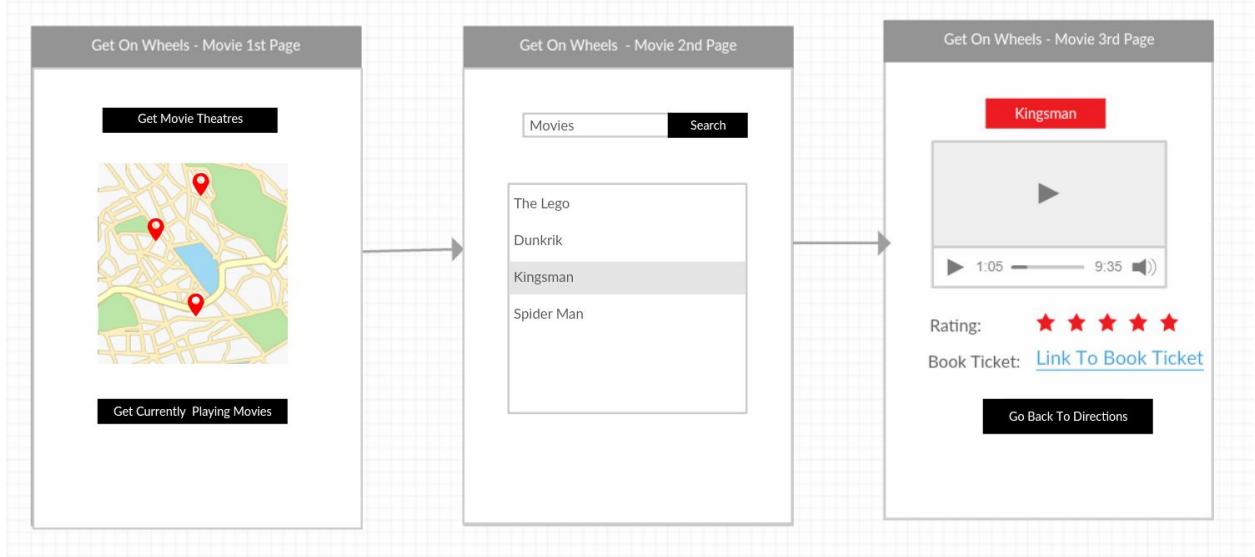
After user logs in, the person will be greeted with the name which was entered for login, then below that - the weather information for the day will be displayed based on the location of the user and a question will be asked - "Have a plan for the day?" - Displaying two options 1)"NOP" and 2)"YEP, let's get started". If 1st option is chosen the app replies "okay, have a great time, see you later!" and the app gets closed. For 2nd option, we get navigated to screen 3. List of three options will be displayed: 1)Movie 2)Meals 3)Shopping. Based on the selection

the screen will be navigated to the corresponding fourth screen.



Screen 4, 5, 6 (for Movies)

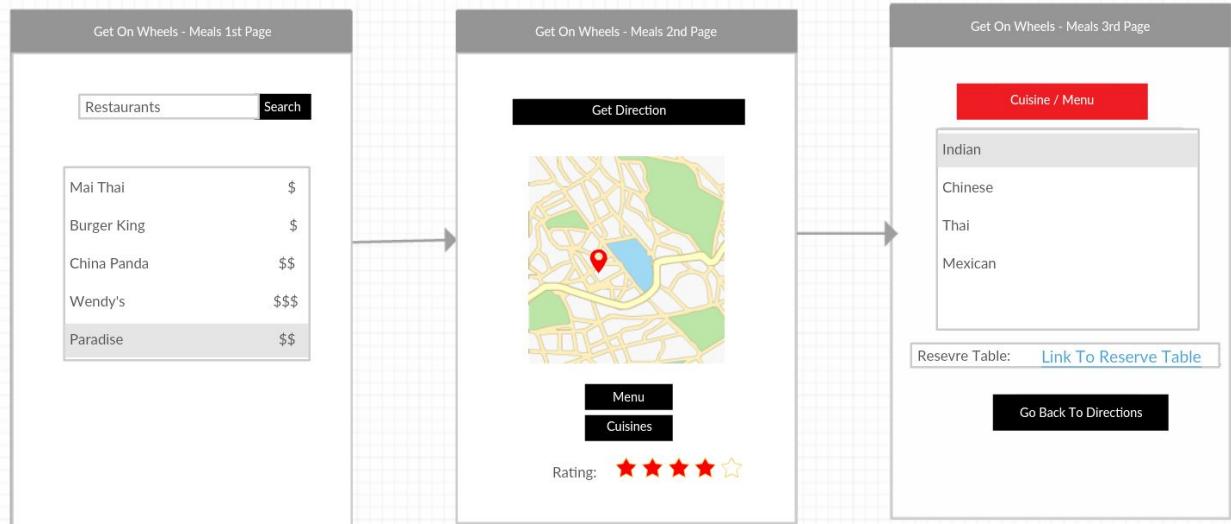
In screen 4 based on user location, when the user clicks on “Get Movie Theatres” button, movie theatres will be populated on the existing map. Instead if user clicks on “Get Currently Playing Movies”, a list of currently playing movies will be displayed in screen 5. On selecting a movie, its trailer, rating and link to book tickets will be displayed on the 6th screen and there is also a button to go back to the directions of theatre.



Screen 4, 5, 6 (for Meals)

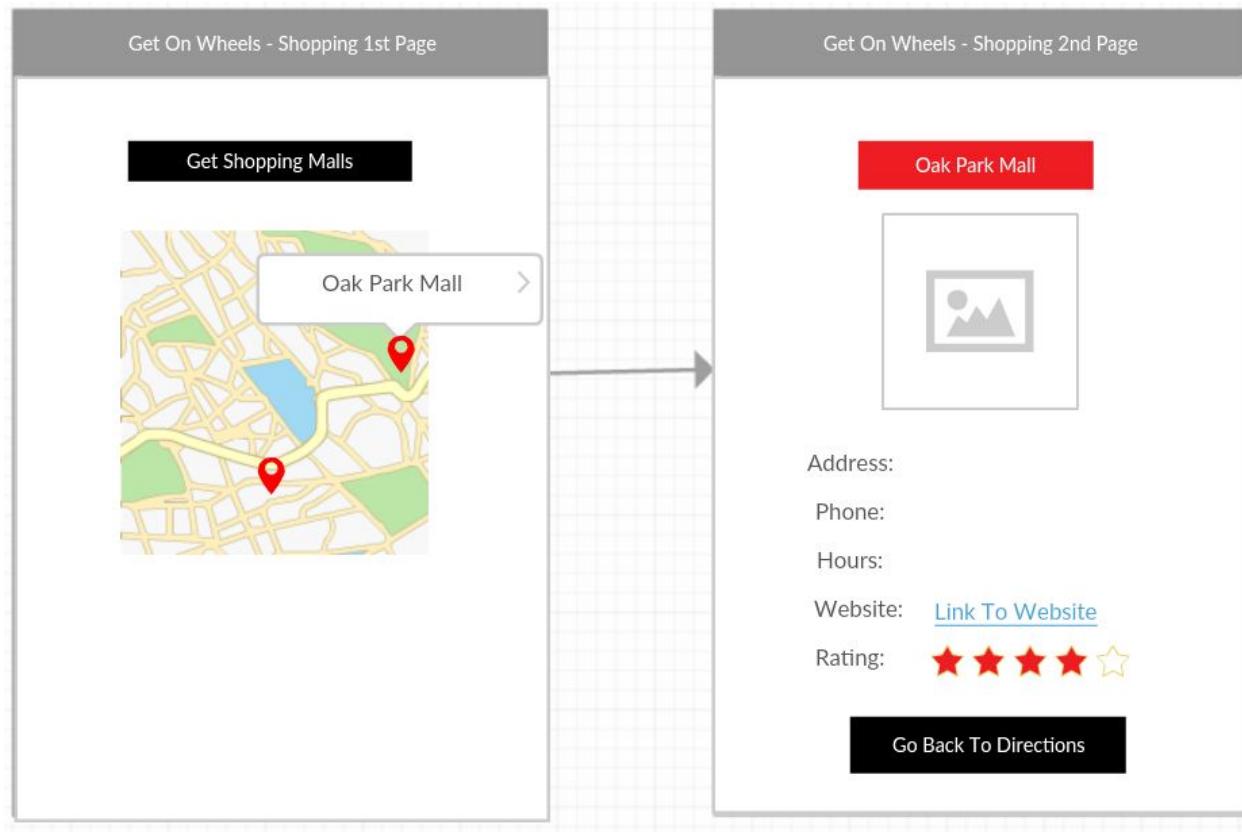
On selection of restaurants user will be directed to the page containing list of restaurants in that area. For each restaurant its cost variation will also be given. A search is also provided on the same page if user wish to search his favourite restaurant. On clicking on any of the restaurant, user will be navigated to page 5 which contains map and below that have options to select “Menu”, “Cuisines”, “View Ratings”. The map will show the directions from his current location to the restaurant. On clicking on “Menu” or “ Cuisines” he will be directed to page 6

displaying the respective information.



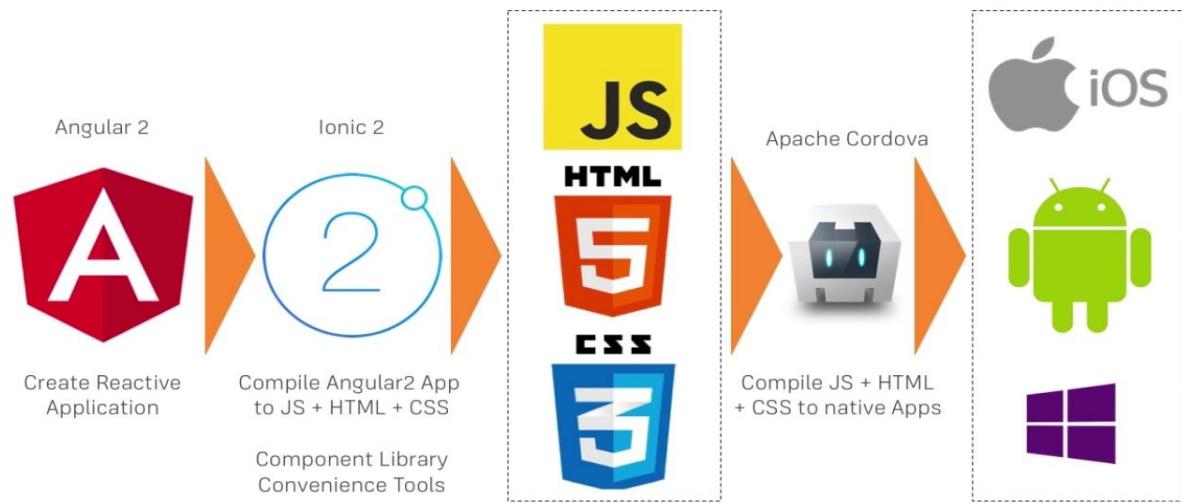
Screen 4,5 (for Shopping)

On selection of third option Shopping, the user will have a button “Get Shopping Malls”, by clicking it all the shopping places near to the customer will be displayed on the map. If shopping area is selected, its details like address, phone, hours, website, rating will be displayed on the next screen. And a button to go back to directions will be present.

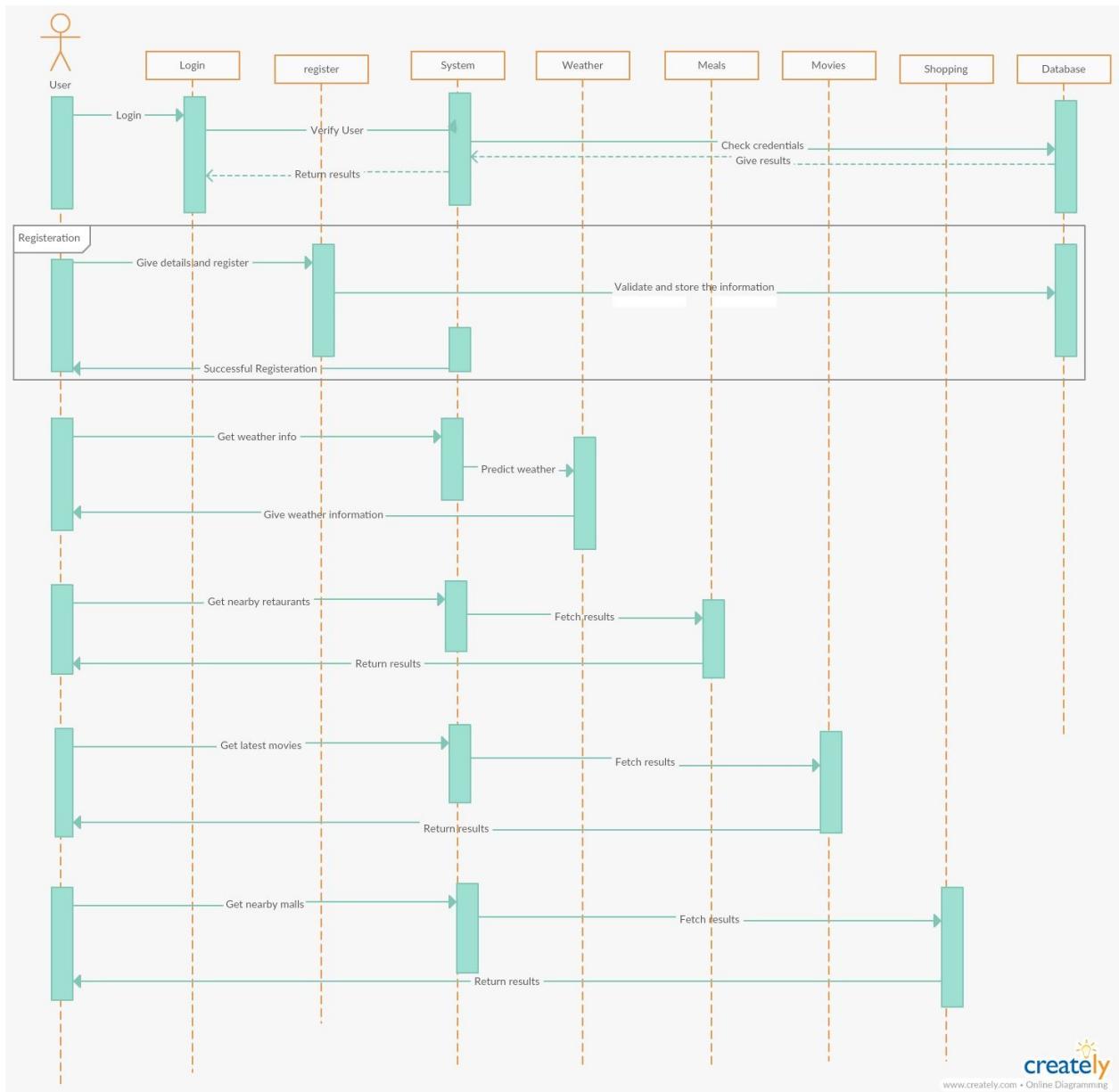


4.2.3 Architecture diagram:

Used Ionic 2 application using angular 2. The architecture diagram of ionic 2 is as follows:



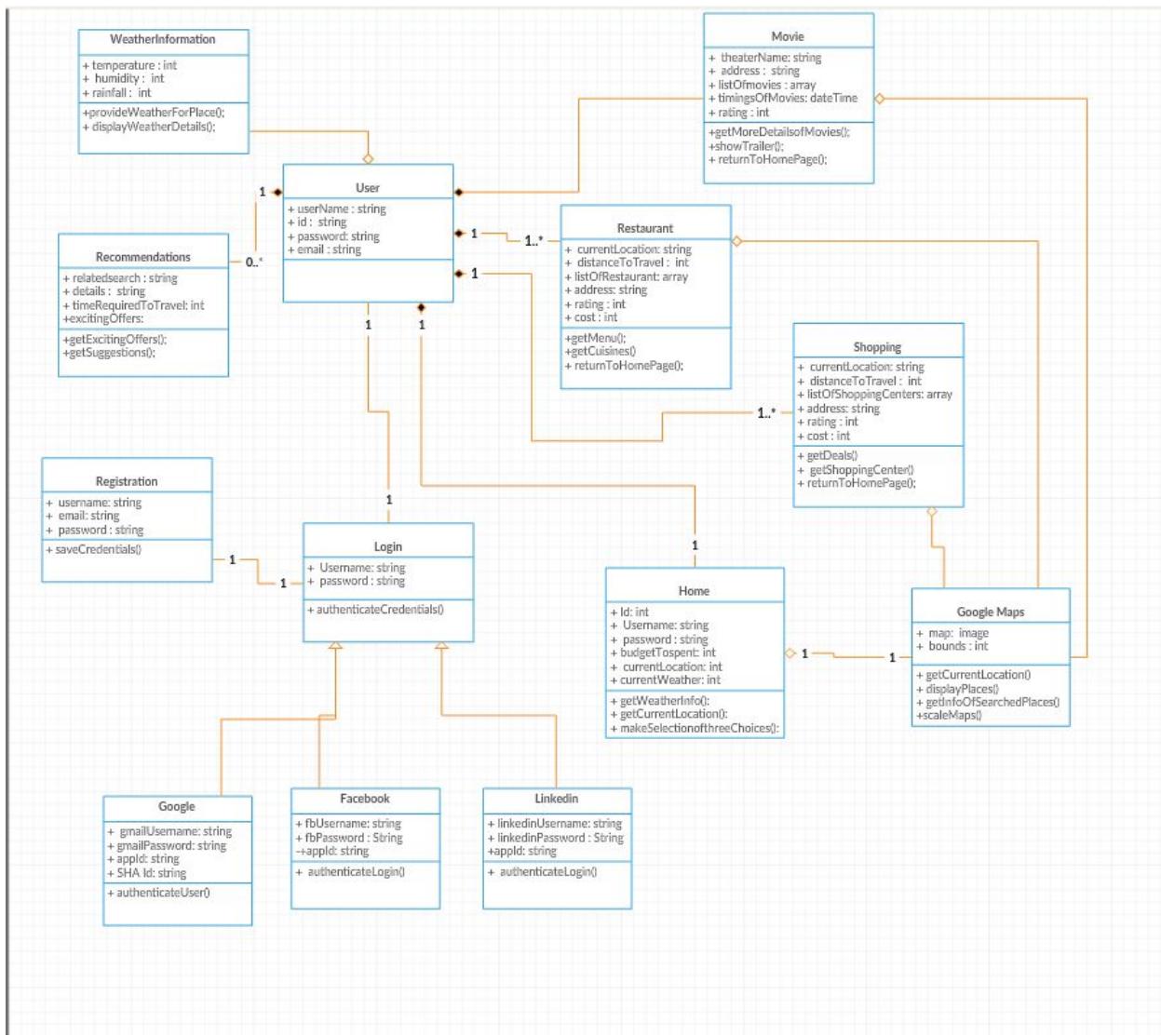
4.2.4 Sequence diagram:



4.2.5 Class diagram:

The user is associated with home, restaurant, movie and shopping class. The user can register and login or can login using Facebook, twitter. Google maps are widely used in the app and are associated with restaurant , shopping and movie class. They will tell the current location and address of a particular location.

Weather Info class will display weather conditions at a users current locations.
Recommendations class will recommend user of any events in that area.

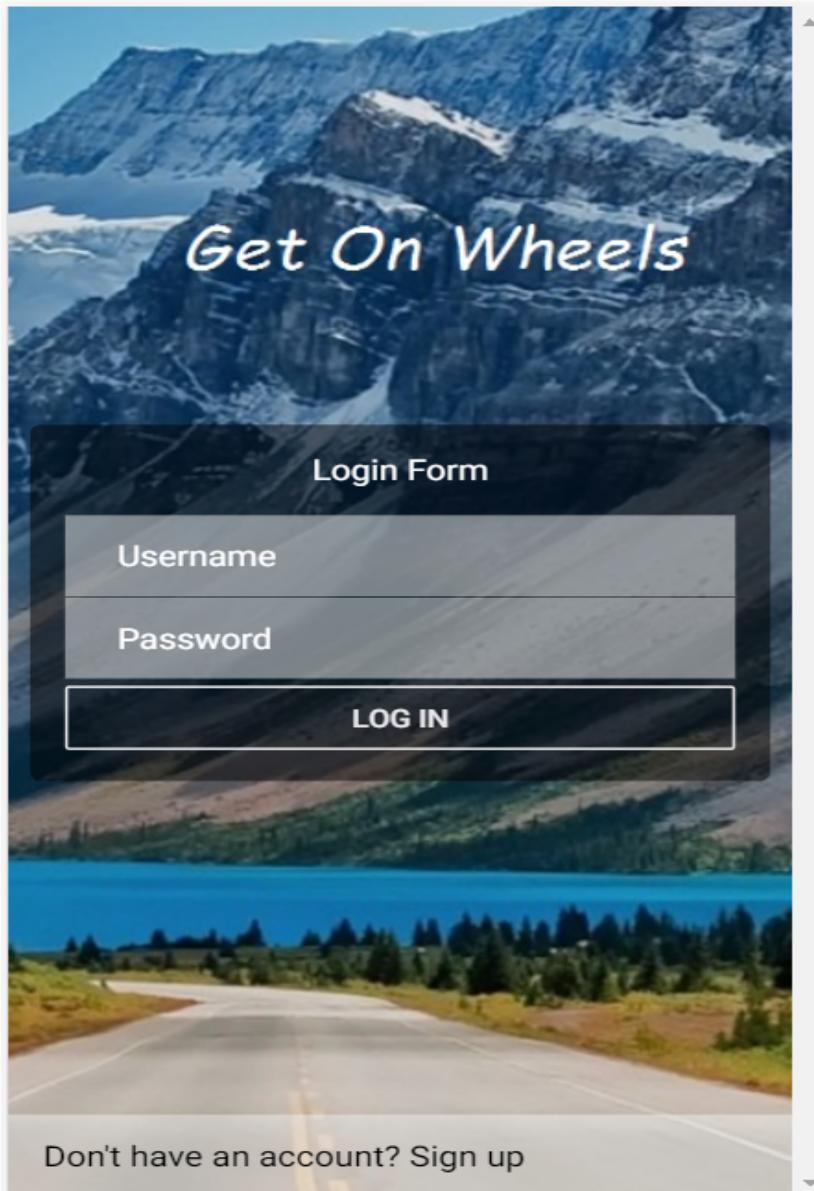


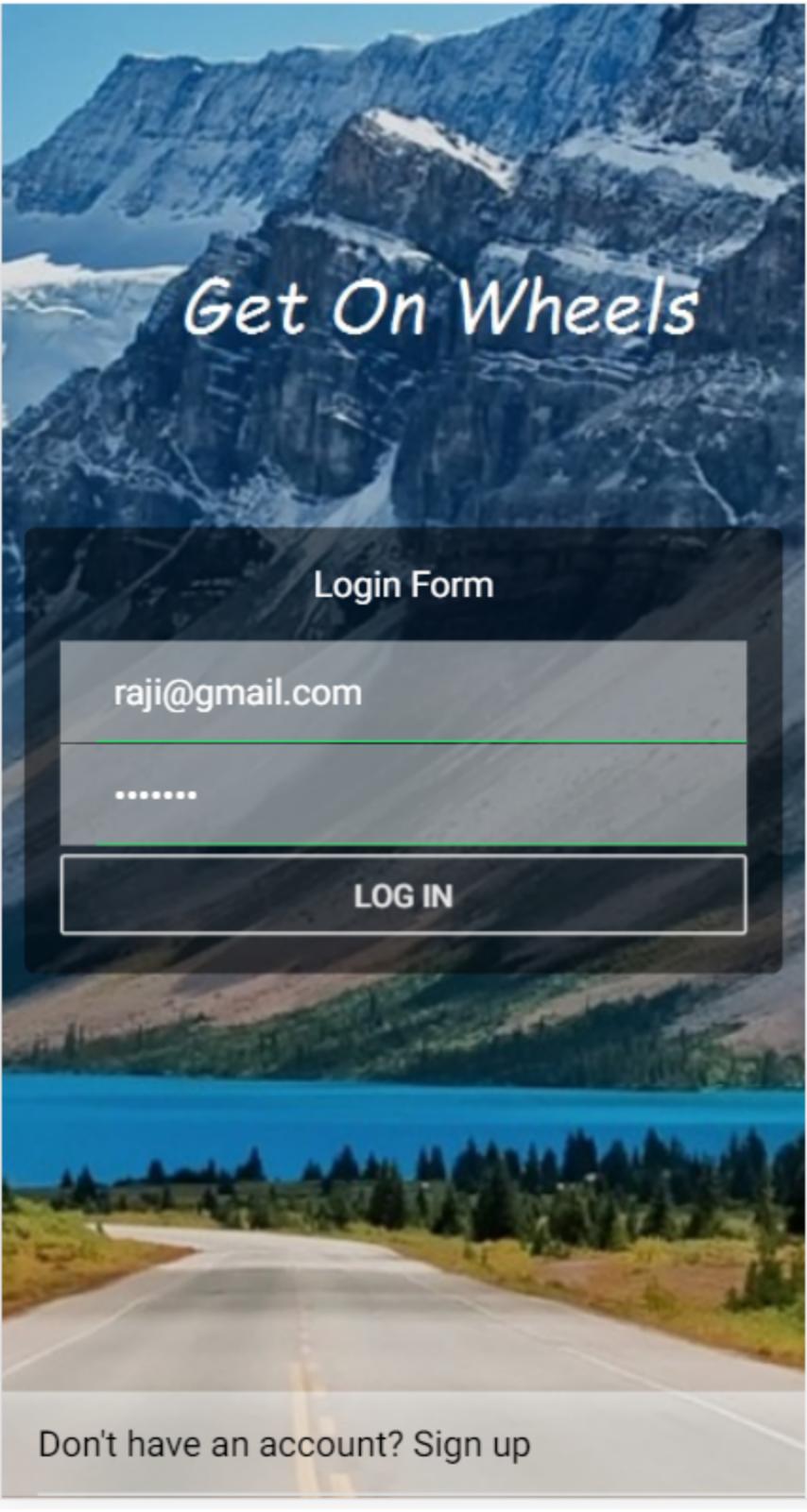
4.2.6 Usecase Diagram:



Login Page:

When GetOnWheels app is opened the user sees the following login page. Where existing user can login and new user can sign-up.





Get On Wheels

Login Form

raji@gmail.com

.....

LOG IN

Don't have an account? [Sign up](#)

Registration Page:

GetOnWheels

Please enter your details to register.

Register Form

Email Id

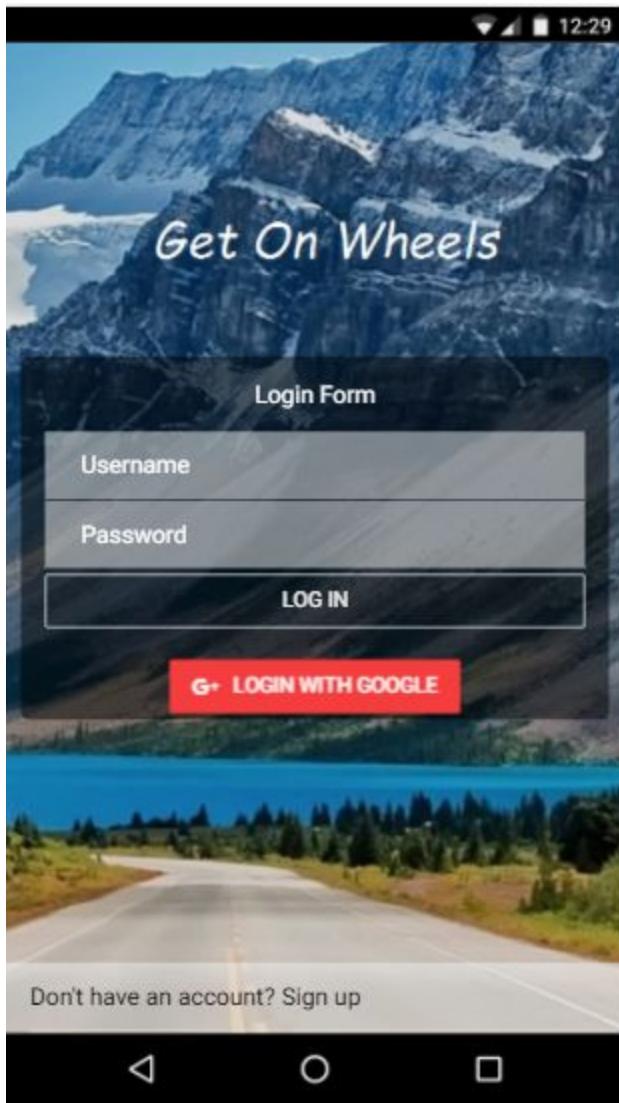
Password

Confirm Password

Register

Gmail Login:

The user can login through Google account where he can enter his google email id and password to move to the Home page of the application.



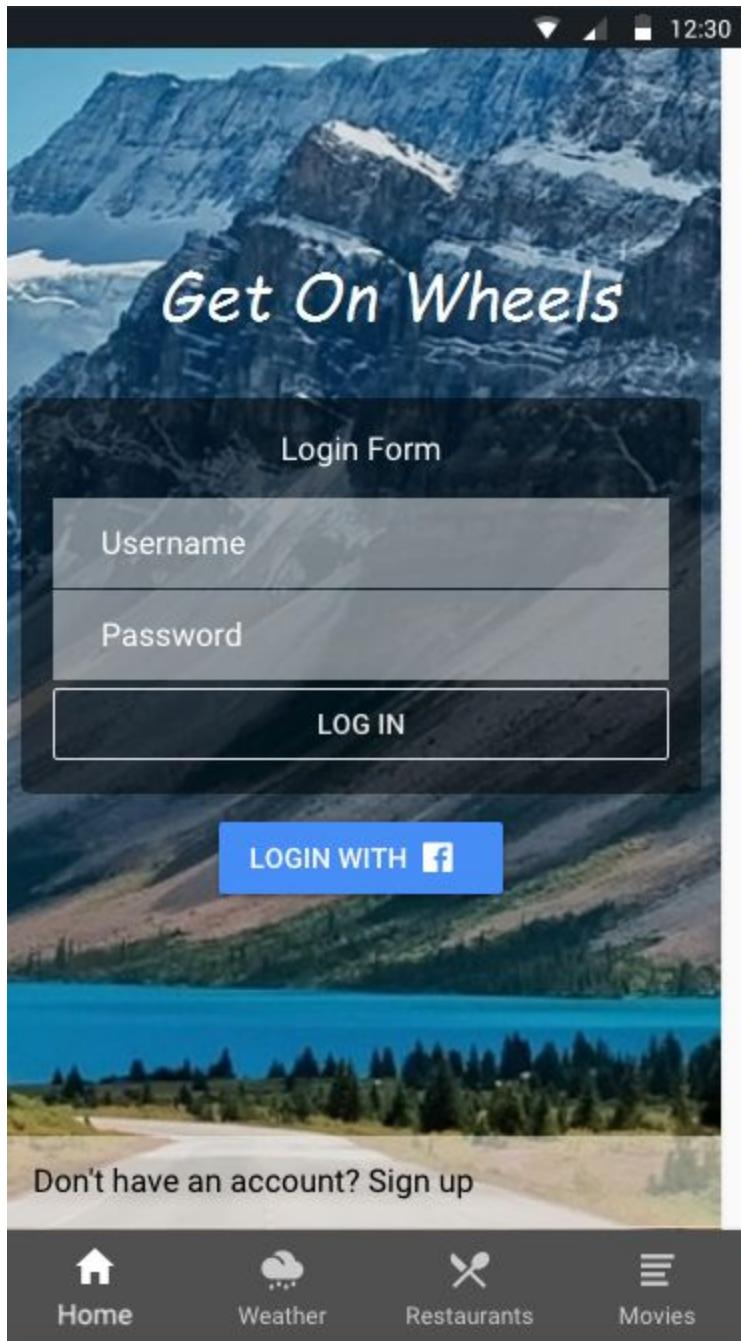
Firebase login:

When the user registers, his details are stored in firebase and can be viewed as follows:

USERS	SIGN-IN METHOD	TEMPLATES	USAGE	
Search by email address, phone number, or user UID				ADD USER
Identifier	Providers	Created	Signed In	User UID ↑
sravs@gmail.com	✉	Oct 11, 2017	Oct 11, 2017	102rCp5s9XfPOMk5dIPUW435s3g1
bhargavinadenda@gmail.com	✉	Oct 11, 2017	Oct 12, 2017	6JMN8SJDOgfWMEZS9L5RnqOdr...
bhar@gmail.com	✉	Oct 11, 2017	Oct 11, 2017	FMYZKH5cHQRbjzXISXRkrYPvnzE3
ramcharan@gmail.com	✉	Oct 11, 2017	Oct 12, 2017	XqWzfEKxXcYAhrepZ8kcdH7Aoh2
abc@gmail.com	✉	Oct 13, 2017	Oct 13, 2017	nVZqqpGtxTtb6Q6EMcQqkvif9r1
raji@gmail.com	✉	Oct 11, 2017	Oct 13, 2017	oI2baFtLfkZEgiGyr6tu2lgYJXq2
sravs999@gmail.com	✉	Oct 12, 2017	Oct 12, 2017	wrxEvmDpRPNmwsQjl164s4R4DJ...

Facebook Login Page:

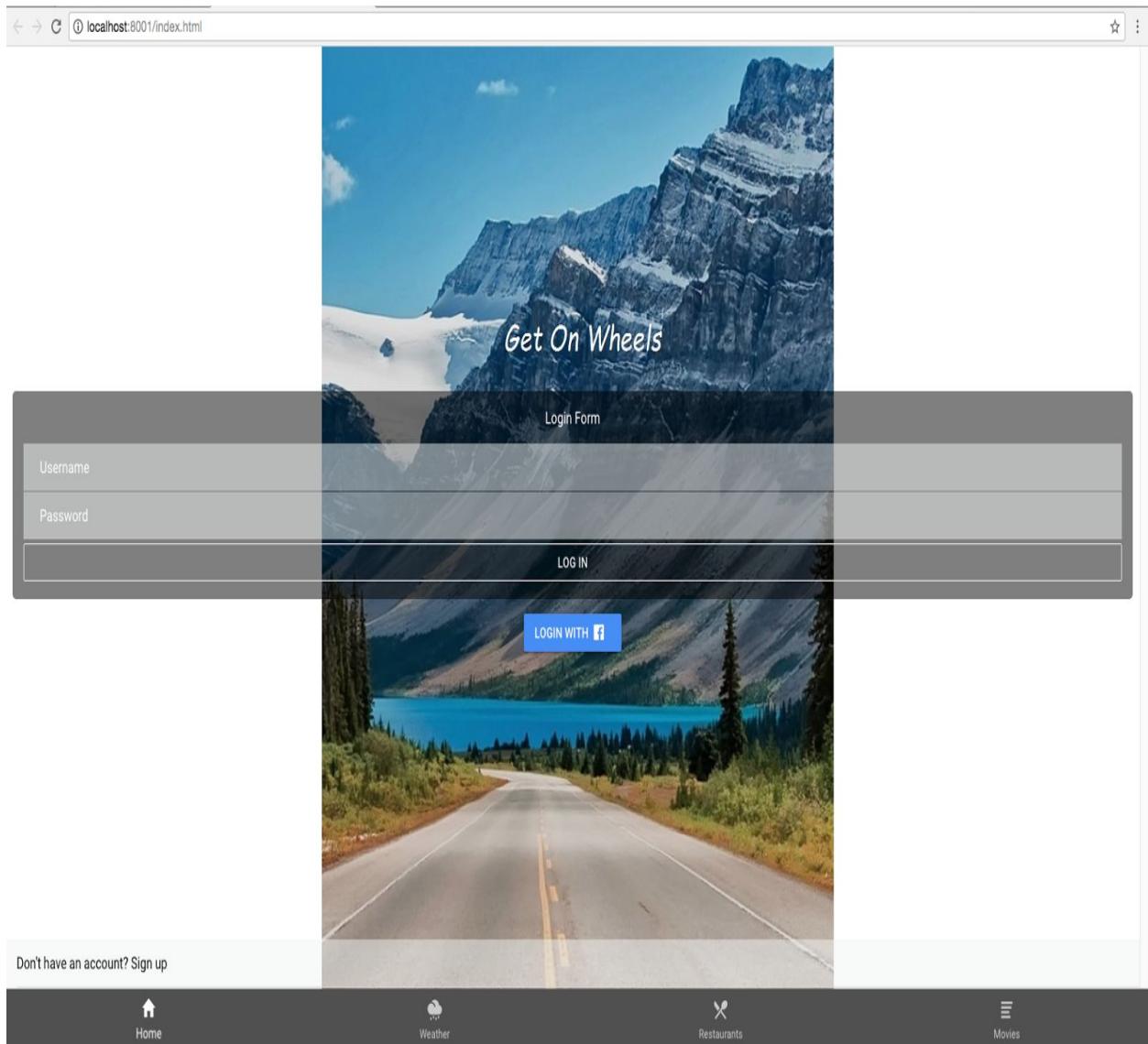
Updated Home page with Facebook Login using cordova plugin.



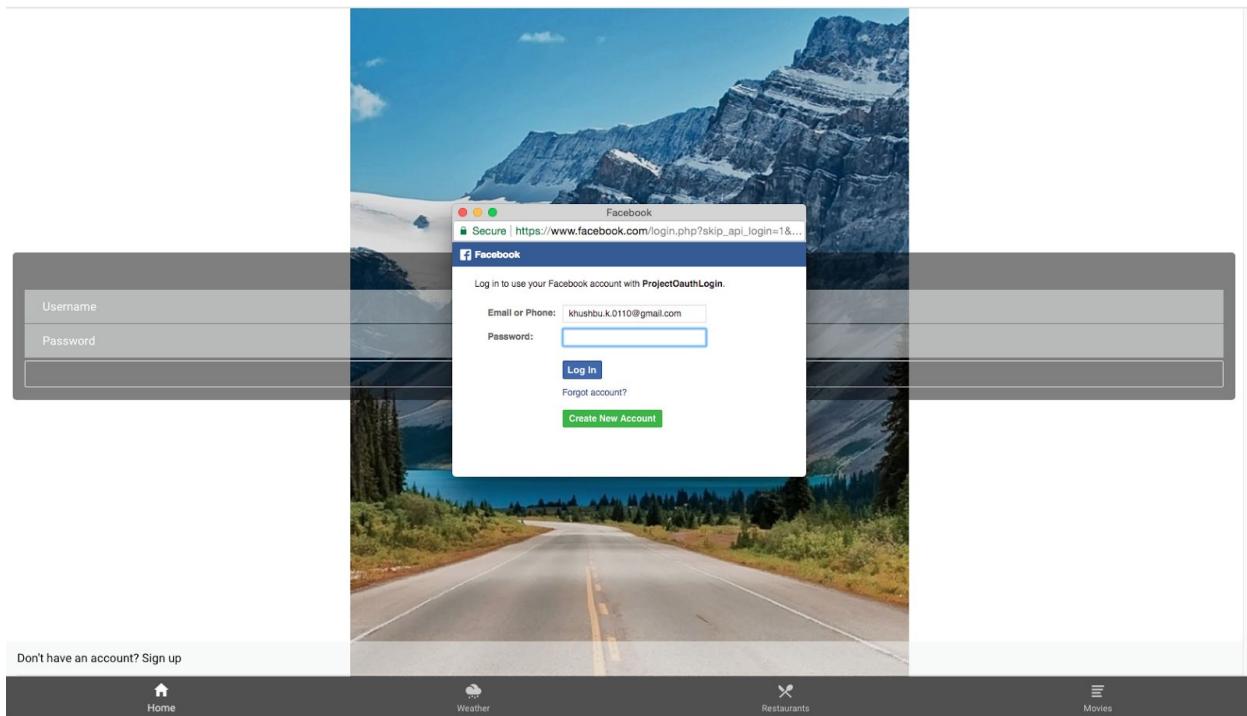
Facebook Web:

Ionic serve doesn't support cordova browser plugins .

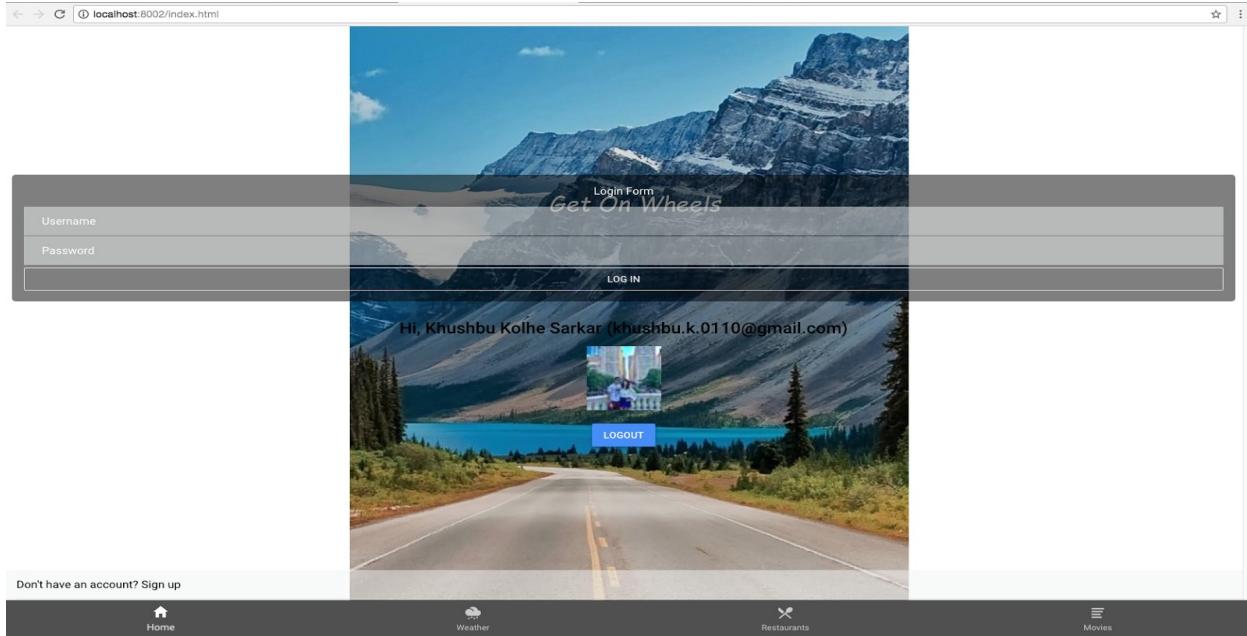
Refer <https://github.com/ionic-team/ionic-cli/issues/354> . Therefore either run it on a hardware device or by executing the command \$ ionic cordova run browser.



Facebook Web: On clicking login



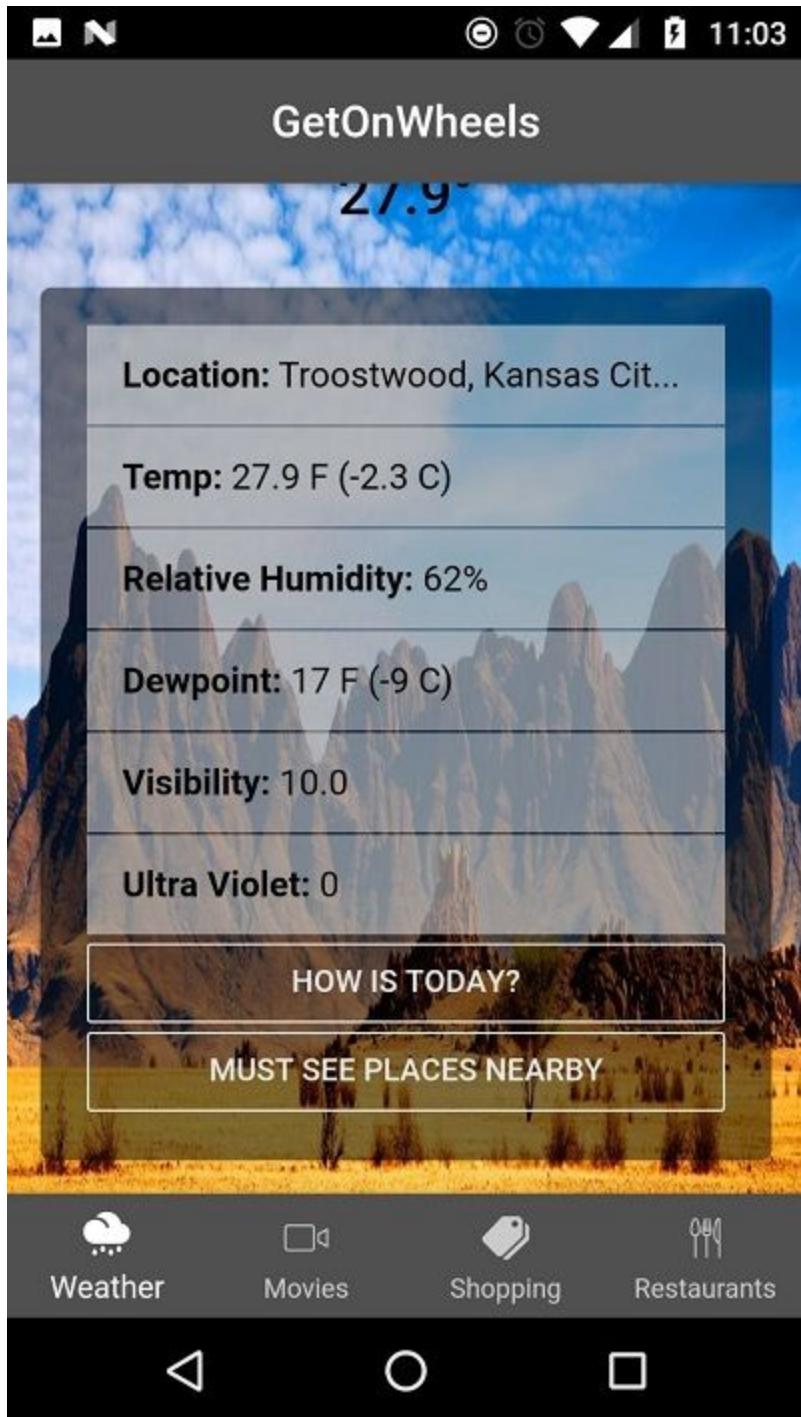
Facebook Web: After Login



Weather page:

A successful login leads to the below page which gives the current weather information of the user's location. By fetching the user's geo-location and making a call to "Wunderground" weather api, it displays the current condition of the weather, temperature and some parameters related to the weather that can be seen.

The user can also see the forecast for the whole day by clicking "How is today?"



Forecast Page:

The user is redirected to the forecast page upon clicking. It lists out the hourly information of weather forecast information for the next 12 hours.

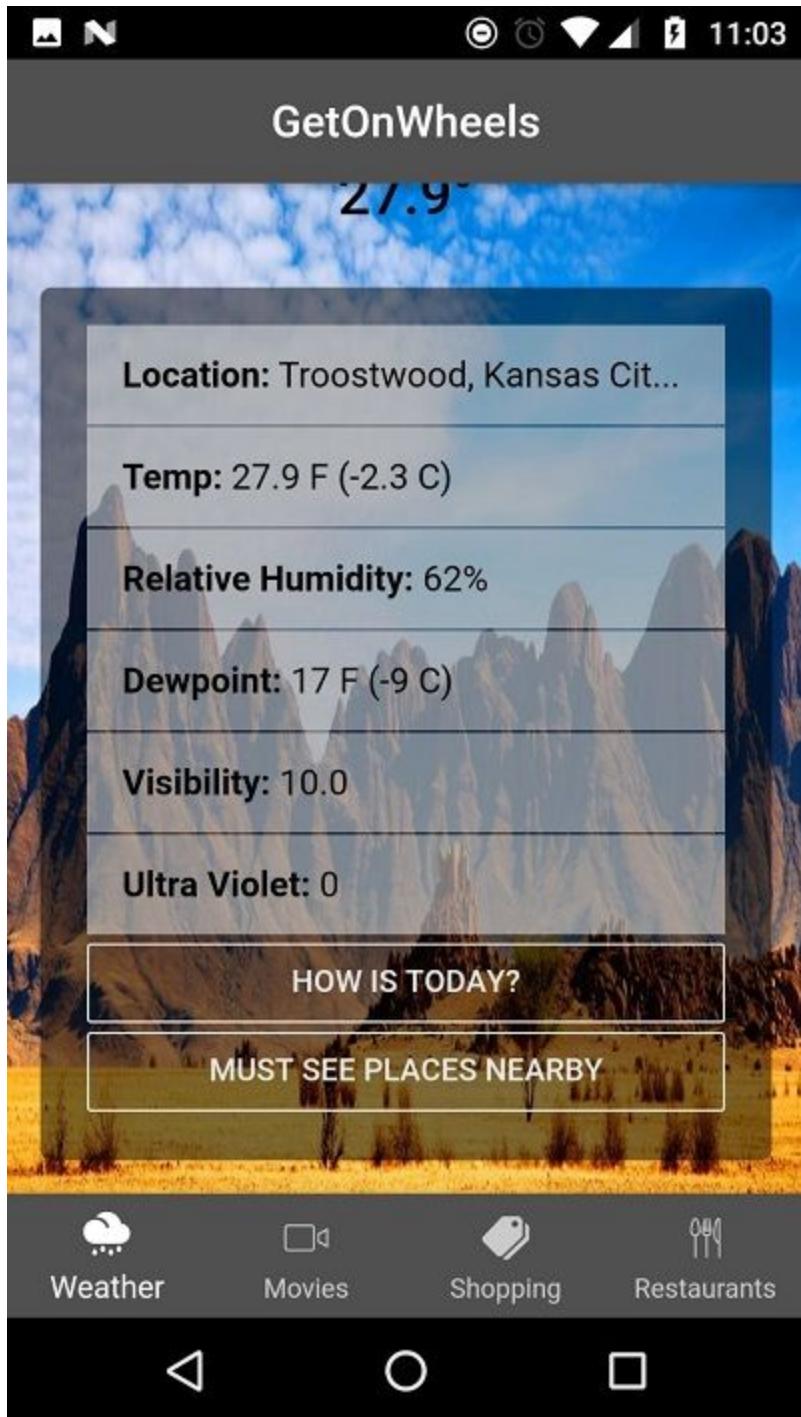
Time	Condition
10:00 PM	Mostly Cloudy
11:00 PM	Mostly Cloudy
12:00 AM	Partly Cloudy
1:00 AM	Partly Cloudy
2:00 AM	Mostly Cloudy

Below the forecast table is a navigation bar with four items: Weather, Movies, Shopping, and Restaurants. Each item has an icon above its name.

- Weather (cloud icon)
- Movies (camera icon)
- Shopping (handbag icon)
- Restaurants (fork and knife icon)

"Must see places nearby"

Included an add-on to weather i.e., must see places nearby by fetching all types of visiting places like Arts&Entertainment, Museum, National Park, Water Park and many such recreational places by fetching the geolocation of the user. On clicking each place, another page with detailed information of that particular place shows up like photos, description, opening hours etc.,



On clicking the must see places nearby, it redirects to



N



@



\



11:03



Mustsee



Kansas City Repertory Th...



The National Museum of ...



Nelson-Atkins Museum of...



Kemper Museum of Conte...



Tivoli Cinemas



Weather



Movies



Shopping



Restaurants





④ ⑤ ⑥ ⑦ 11:37



Mustsee



Helzberg Penguin Plaza



The Levee Bar & Grill



Bloch Building



Ernie Biggs Chicago Style ...



H&R Block Art Space



Weather



Movies



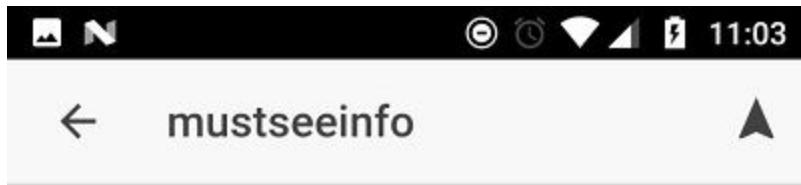
Shopping



Restaurants



On clicking a place, it redirects to a detailed information



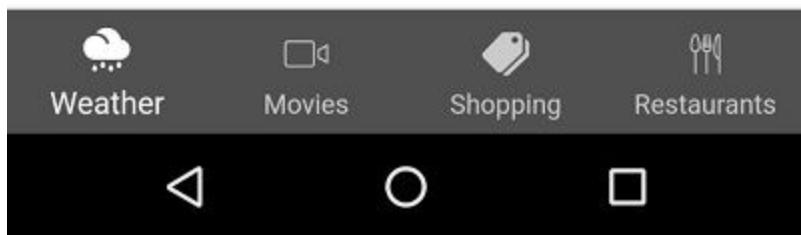
Nelson-Atkins Museum of Art

Address: 4525 Oak St, at E 45th St, 64111,
Kansas City, MO, United States

Phone (816) 751-1278

Rating 9.5

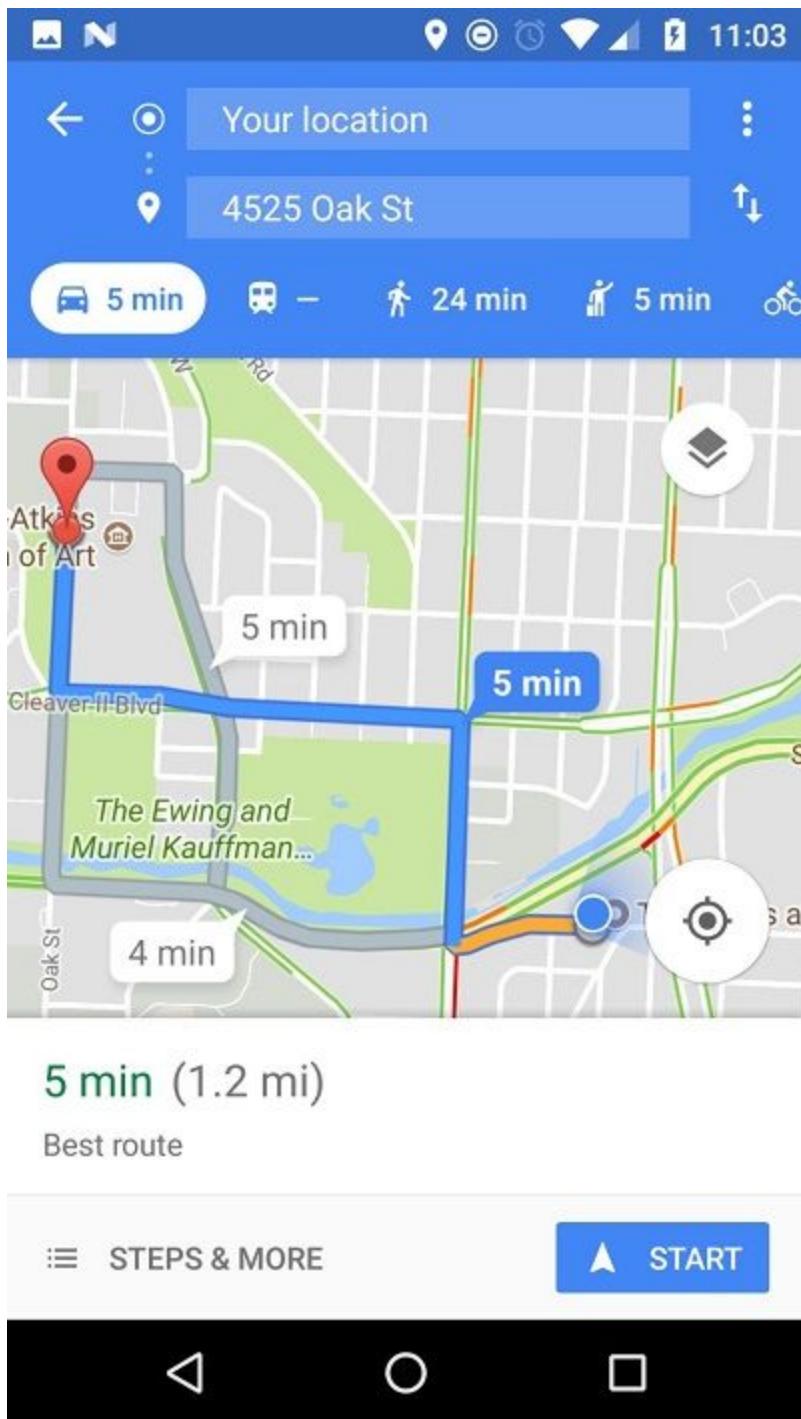
Open now?? False



Google Map Navigation

Redirected to Google Map navigation by fetching the geolocation and the selected place with all the routing options available to the user.

It takes to the map on clicking the navigate button



Movies Page:

From this page user can navigate to either Movie Theatres Around Page or Movies Around Page.

GetOnWheels

Movies & Movie Theatres



MOVIE THEATRES AROUND

MOVIES PLAYING AROUND

Weather Movies Shopping Restaurants Account

Movies Around Page:

Displays the list of currently playing movies in theatres.



A movie card for "Justice League". At the top is a promotional image of the Justice League characters standing together. Below the image, the movie title "Justice League" is displayed in large white letters. Underneath the title is a red heart icon followed by the number "729.899825 U". A vertical scroll bar is visible on the right side of the card.

ACTION

ADVENTURE

FANTASY

SCIENCE FICTION

[VIEW](#)



A movie card for "Happy Death Day". It features a close-up image of a woman with blonde hair looking shocked or scared. Below the image, the movie title "Happy Death Day" is displayed in large white letters. Underneath the title is a red heart icon followed by the number "609.039725 U".

[Weather](#) [Movies](#) [Shopping](#) [Restaurants](#) [Account](#)

On selection of a movie navigates to next page where movie details like popularity, release date, story overview, will be displayed. There are also links to display movie trailer and to book tickets.

GetOnWheels

Justice League



Popularity:
729.899825

Release Date:
2017-11-15

Overview:
Fueled by his restored faith in humanity and inspired by Superman's selfless act, Bruce Wayne and Diana Prince assemble a team of metahumans consisting of Barry Allen, Arthur

 Weather  Movies  Shopping  Restaurants  Account



GetOnWheels



Popularity:

729.899825

Release Date:

2017-11-15

Overview:

Fueled by his restored faith in humanity and inspired by Superman's selfless act, Bruce Wayne and Diana Prince assemble a team of metahumans consisting of Barry Allen, Arthur Curry, and Victor Stone to face the catastrophic threat of Steppenwolf and the Parademons who are on the hunt for three Mother Boxes on Earth.

[BOOK TICKETS](#)

[WATCH TRAILER](#)



Weather



Movies



Shopping



Restaurants



Account



GetOnWheels

metahumans consisting of Barry Allen, Arthur Curry, and Victor Stone to face the catastrophic threat of Steppenwolf and the Parademons who are on the hunt for three Mother Boxes on Earth.

[BOOK TICKETS](#)

[WATCH TRAILER](#)



Weather



Movies



Shopping



Restaurants



Account



GetOnWheels

metahumans consisting of Barry Allen, Arthur Curry, and Victor Stone to face the catastrophic threat of Steppenwolf and the Parademons who are on the hunt for three Mother Boxes on Earth.

[BOOK TICKETS](#)

[WATCH TRAILER](#)

Justice League - Comic...



0:27



Weather



Movies



Shopping



Restaurants



Account

Search filter is also present to search for a particular movie.

GetOnWheels

Movies Playing Around

Coco

SEARCH

Coco

146.694838 U

FAMILY

ANIMATION

ADVENTURE

VIEW

Weather

Movies

Shopping

Restaurants

Account

External link has been provided to book tickets.

The image shows a mobile application interface for movie ticket booking. At the top, there is a navigation bar with a menu icon, a logo consisting of a stylized 'm' inside a square with film dots, a location pin icon, a search icon, and a 'SIGN IN' button. Below the navigation bar, there are two tabs: 'THEATERS' and 'MOVIES'. The main title 'Movies' is displayed in large letters, with an orange play button icon to its right.

Below the title, there are two sections: 'Now Playing' and 'Coming Soon'. The 'Now Playing' section features the movie 'Coco' with its poster, rating (PG), and a 'GET TICKETS' button. The 'Coming Soon' section features the movie 'Justice League' with its poster, rating (PG-13), and a 'GET TICKETS' button. Both movie cards include a small play button icon next to their names.

At the bottom of the screen, there are two promotional banners: one for 'DADDY'S' featuring Jim Carrey and another for 'The Big Short' featuring Ryan Reynolds.

Coco
Now Playing
PG
GET TICKETS

Justice League
Now Playing
PG-13
GET TICKETS

FERRILL WAHLKEMM LITROWOW UNISON
DADDY'S

Movies Around Page: This page displays the list and map of movie theatres nearby users location.

GetOnWheels

A Google Map showing the area around Deanna Rose Children's Farmstead. The map includes major roads like Interstate 435, State Route 35, and State Route 69. It also shows local streets such as N 119th St, S Pflumm Rd, W 119th St, W 127th St, W 135th St, Quivira Rd, and Switzer Rd. Two red markers indicate the locations of movie theaters: one near Johnson County Community College and another near Deanna Rose Children's Farmstead. A third red marker is visible further east. The map interface includes a 'Map' button, a 'Satellite' button, a zoom control, and a walking person icon.

AMC Dine-In Studio 28 [★VIEW](#)

AMC Town Center 20 [★VIEW](#)

South Twin Drive-In [Historical] [★VIEW](#)

B&B Theatres Overland Park 16 [★VIEW](#)

WeatherMoviesShoppingRestaurantsAccount

On clicking on any theatre its address, contact number and reviews will be displayed. Navigation is also provided.

Theatre Info



B&B Theatres Overland Park 16

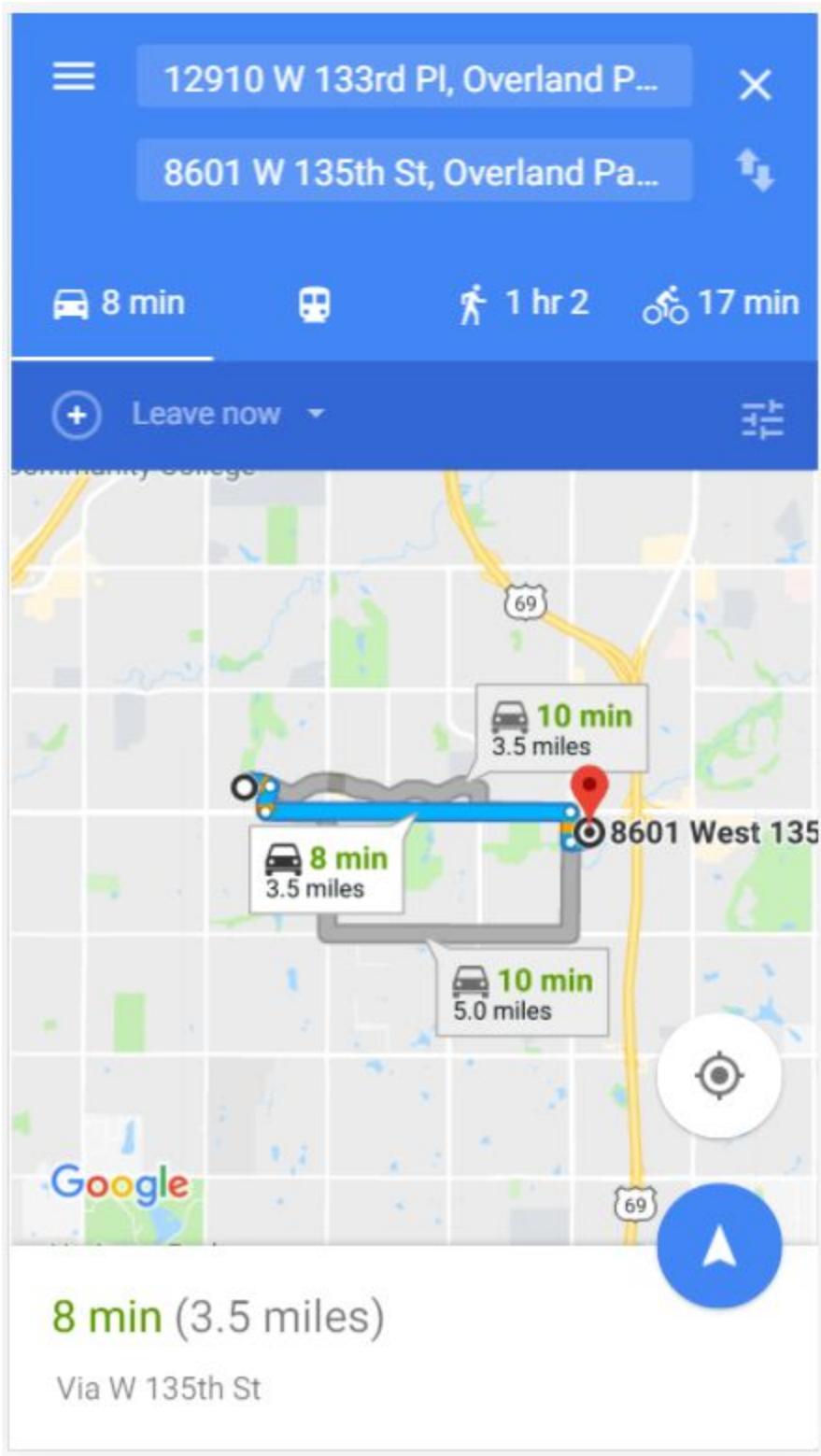
Address: 8601 W 135th St, Overland Park, KS 66223, USA

Mobile No: (913) 814-7469

Reviews:

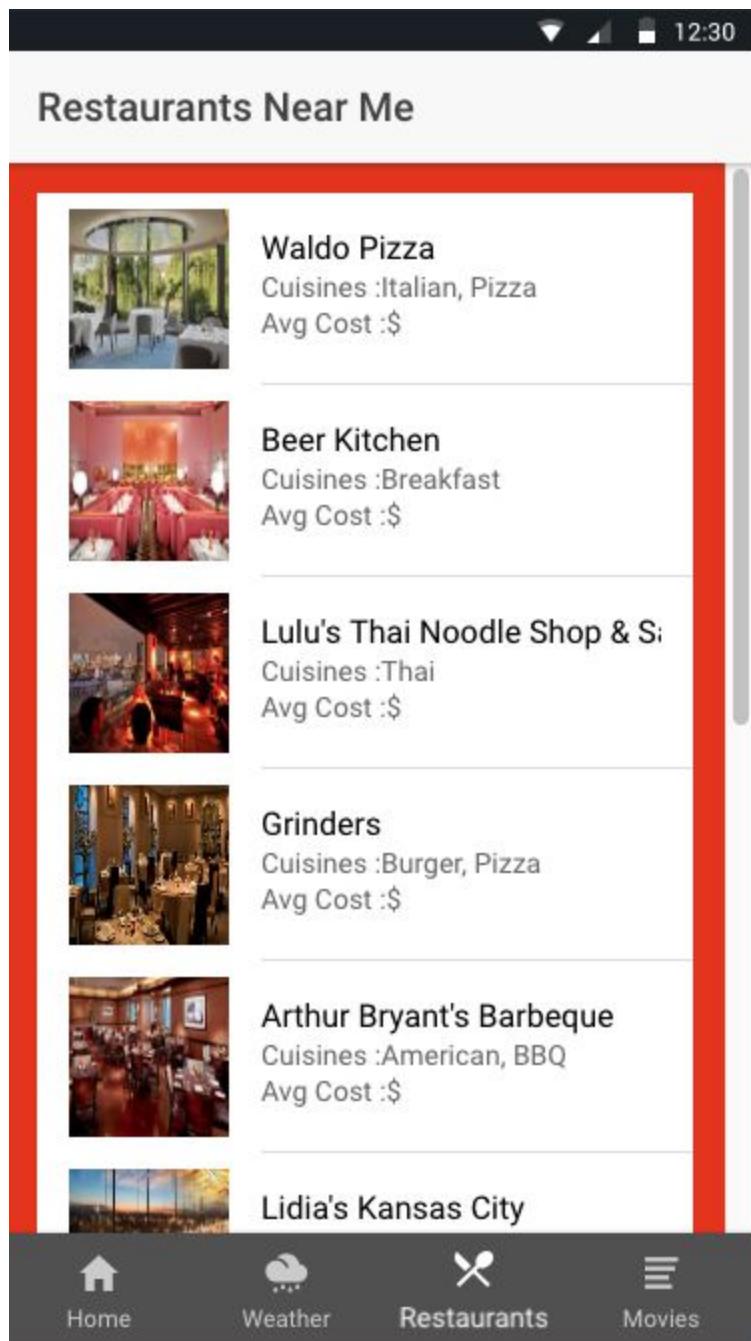
 Sylver Wolf
★★★★★
The inside of the store is actually a pretty interesting sight in of itself to check out. additionally, the staff is very friendly and foster a family friendly environment. The main theatre rooms are very massive, quite spacious, and are rarely packed with people. I have noticed

 Weather  Movies  Shopping  Restaurants  Account



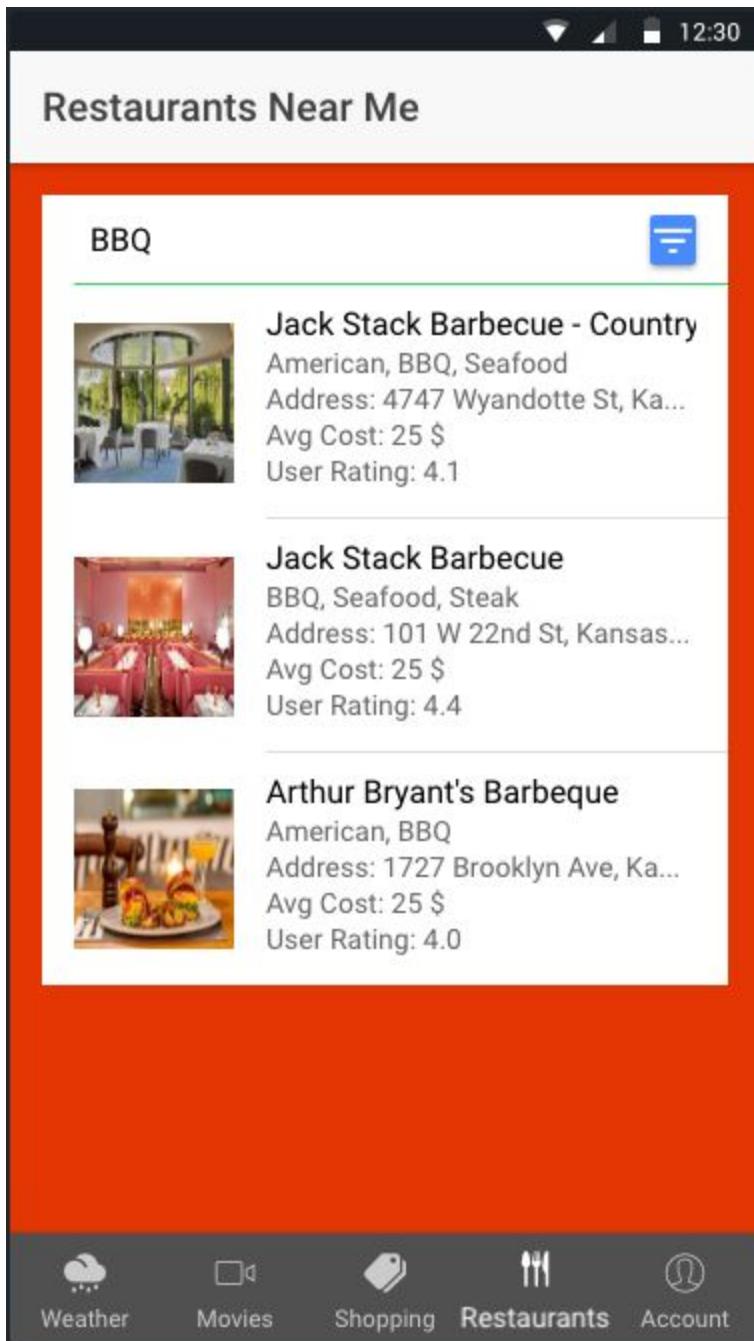
Restaurants :

On clicking restaurants tab at the bottom user's current location is detected and based on current location restaurants in that area are displayed. The restaurants along with its name, type of cuisine and cost for two people is displayed.

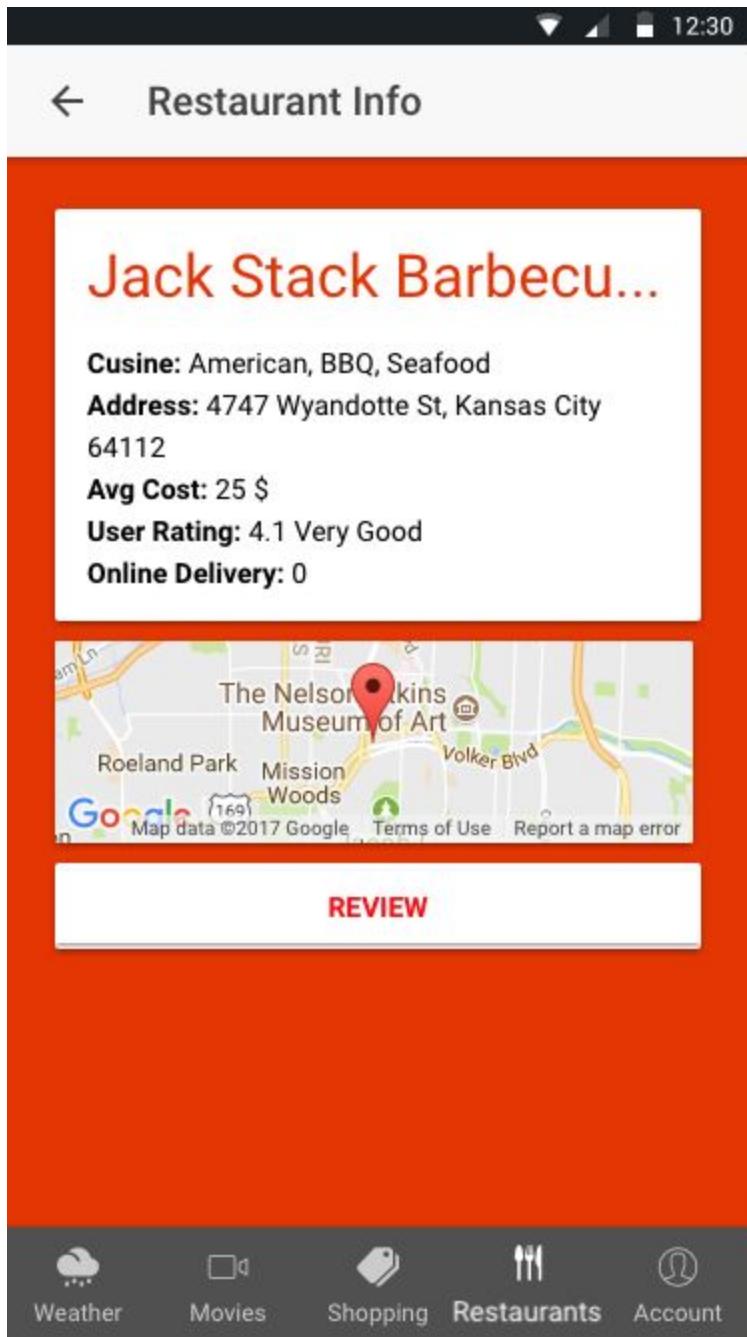


Filter On Restaurants Page: Image 2

Here I have shown example of filtering cuisine type BBQ. The user gets the list of restaurants with BBQ cuisine.

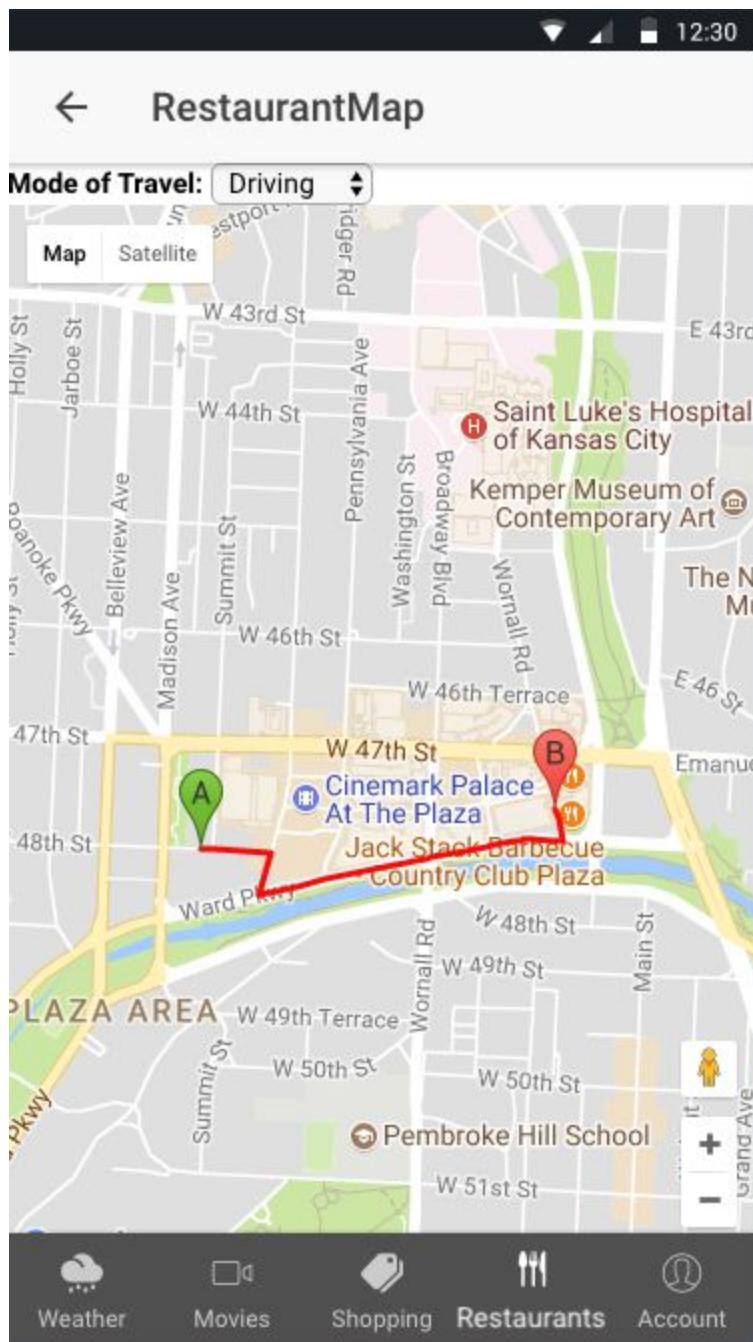


Maps on Restaurant info Page



Map with route:

On clicking the map on restaurant info page, user is navigated to maps page where the direction to the maps are shown.



Reviews:

On clicking the reviews on restaurant info page, user gets the reviews for the restaurant.

12:30

← Restaurant Info



The Nelson-Atkins
Map data ©2017 Google Terms of Use Report a map error

REVIEW

Name: Valid Name
Rating: 4.5
Review Text: Wow. As an amateur griller/sm...

Name: Facebook User
Rating: 4
Review Text: Great food with good service. I ...

Name: Yogesh K
Rating: 5
Review Text: Kansas city is known for its bar...

Name: Chad K
Rating: 3.5
Review Text: We stopped in here for an early ...

Name: Xiao Chen (肖立川)
Rating: 4
Review Text: Second time down here this mo...

 Weather  Movies  Shopping  Restaurants  Account

Shopping Malls:

On clicking the shopping icon in the bottom tab, a user is navigated to the page where all the nearby shopping malls are listed down by fetching the current location of the user. In the top pane, the locations of the malls and the current user location are marked in google-map with markers.

The user can see the detailed information of each mall by clicking “view”.

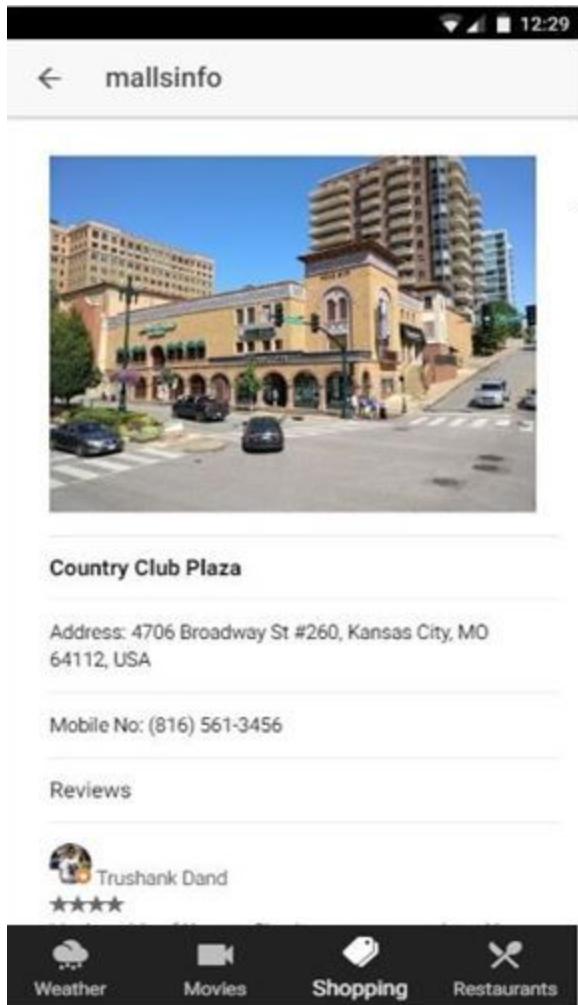
The screenshot shows a mobile application interface. At the top, there is a navigation bar with icons for back, forward, search, and menu. The time '12:29' is displayed on the right. Below the navigation bar is a title 'Home'. Underneath the title is a Google Map showing a local area with several landmarks labeled: 'Cin Palace Plaza', 'Stack Barbecue', 'Country Club Plaza', 'Ward Pkwy', 'Main St', 'Mc Gee St', 'W 49th St', 'W 49th Terrace', 'Wornall Rd', 'W 50th St', 'W 50th St', 'Pembroke Hill School', 'Walnut St', and 'Grand Ave'. A red marker indicates the user's current location. Below the map is a list of nearby shopping malls:

- Crown Center**
Type: shopping_mall,point_of_interest,estat [★VIEW](#)
- Country Club Plaza**
Type: shopping_mall,point_of_interest,estat [★VIEW](#)
- Mill Street Station**
Type: shopping_mall,point_of_interest,estat [★VIEW](#)
- Sunglass Hut**
Type: shopping_mall,store,point_of_interest [★VIEW](#)
- Brookside shopping area**
Type: shopping_mall,point_of_interest,estat [★VIEW](#)

At the bottom of the screen is a navigation bar with four tabs: 'Weather' (with a cloud icon), 'Movies' (with a film icon), 'Shopping' (with a shopping bag icon, currently selected), and 'Restaurants' (with a fork and knife icon).

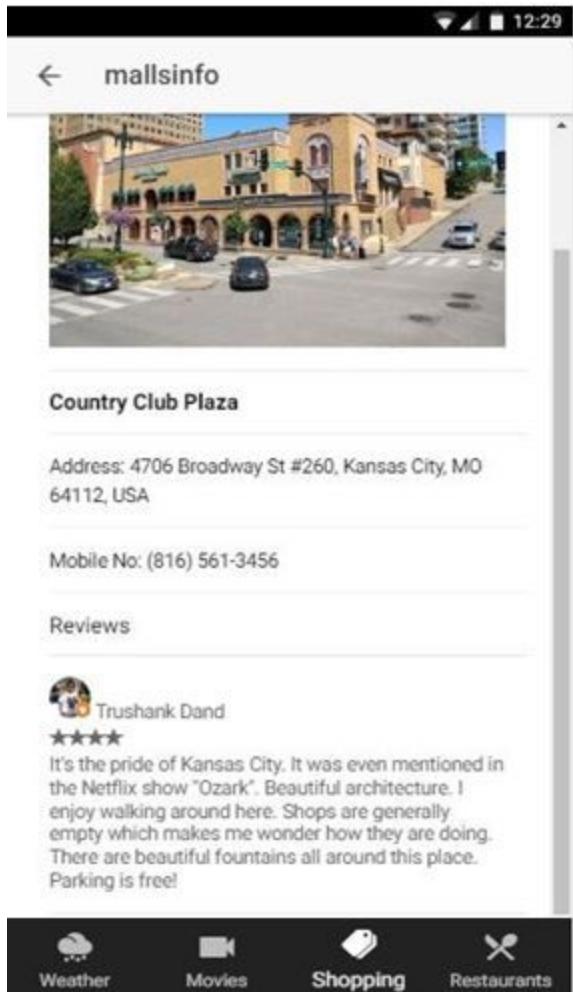
Malls Info Page:

On clicking view of a particular mall, the user is redirected to a page where the detailed information like image, address, mobile number and locality of the mall are shown.



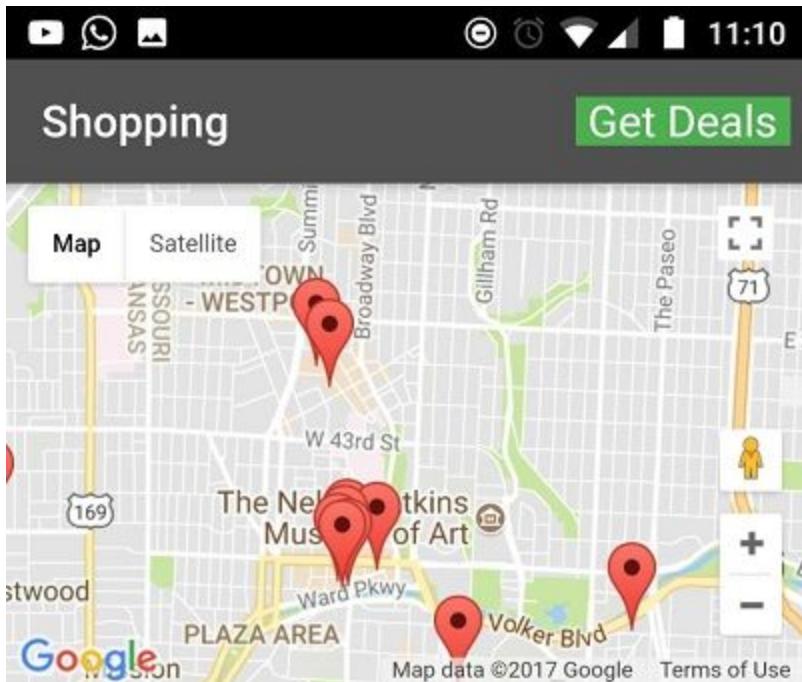
Get Detailed Reviews:

The user can also view the reviews of the shopping mall with the reviewer name, rating given and the comment he made regarding the shopping mall.



Gallery for shopping malls

Extended the malls information page by including the gallery using the google places api where the user can zoom out the pictures to look around the selected mall.



Crown Center

[★VIEW](#)

shopping_mall,point_of_interest,establis...

Country Club Plaza

[★VIEW](#)

shopping_mall,point_of_interest,establis...

Mill Street Station

[★VIEW](#)

shopping_mall,point_of_interest,establis...



Weather



Movies



Shopping



Restaurants



← mallsinfo



Gallery



Address: 4706 Broadway St #260, Kansas City,
MO 64112, USA

Mobile No: (816) 561-3456

Reviews



Shriram Venkatesan



If you had just one hour at KC, this would be the



Weather



Movies



Shopping



Restaurants



Deals at the shopping malls nearby

Have created a new page that gives the deals information based on the stores available nearby. This is implemented by using the sqoot api that provides the deals based on the different categories like beauty and health,clothing,electronics etc.



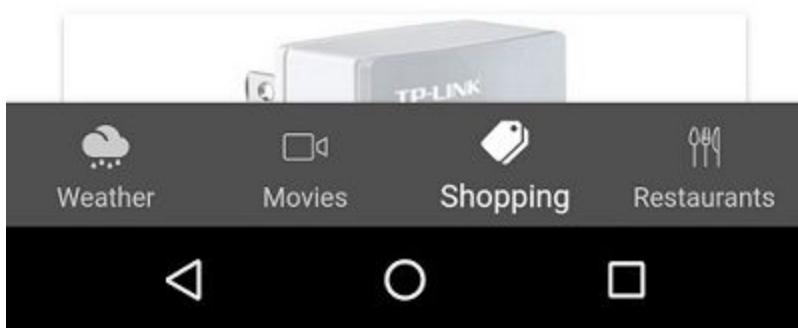
← deals



Vegan Bakery Treats or Beverages at
Mud Pie Vegan Bakery & Coffeehouse
(Up to 52% Off)

50% off at Mud Pie Vegan Bakery & Coffeehouse

Category: bars-clubs





11:11



deals

Category: Electronics**Lyss Loo Women's Long-Sleeve Dolman Tunic Top (3-Pack)**

42% off at Lyss Loo Women's Dolman Tunic Top

Category: Womens Clothing

Weather



Movies



Shopping



Restaurants





← deals

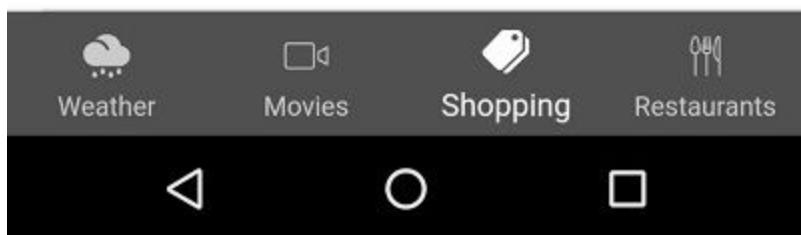
Category: Womens Clothing



OtterBox Symmetry Series Case for
iPhone 6/6s

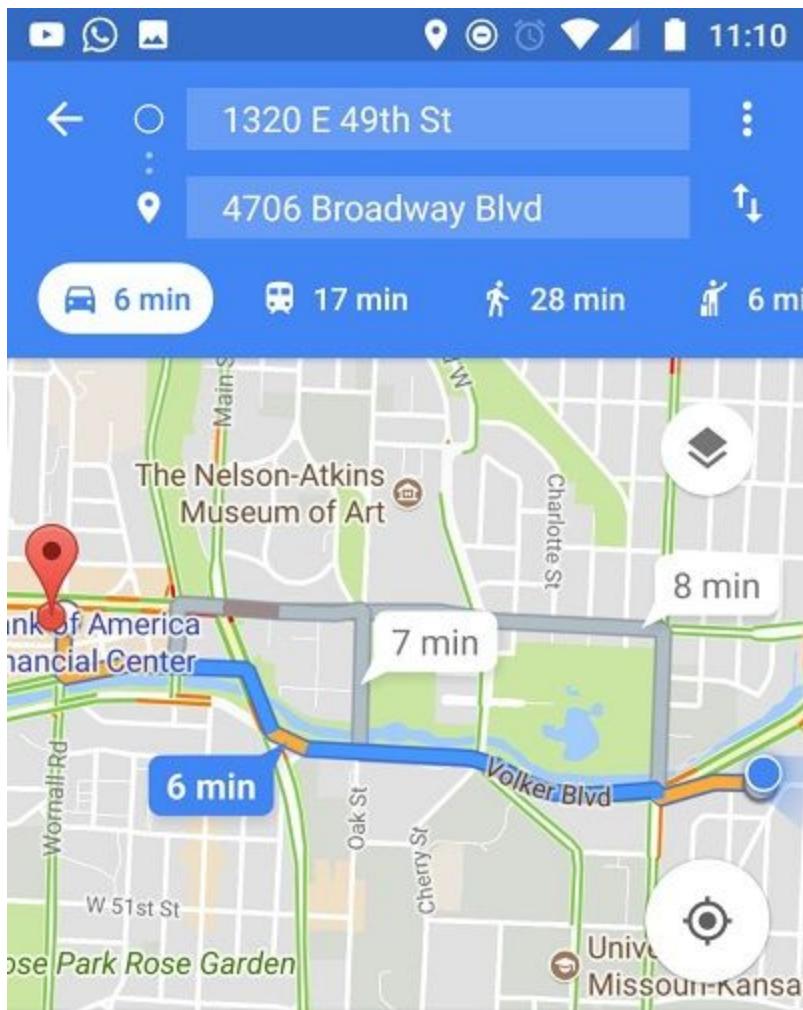
50% off at [OtterBox Symmetry Series Case for i](#)

Category: Electronics



Google Map Navigation

Included the navigation from the user location to the chosen shopping mall using the google maps by fetching the current position of the user and the chosen shopping mall along with the choice of selecting the mode he wants.



6 min (1.4 mi)

Fastest route, the usual traffic

≡ STEPS & MORE

▲ START





11:10

6 min (1.4 mi)

Fastest route, the usual traffic

Traffic

10 min --



Steps



1320 E 49th St



Head west on E 49th St
toward Tracy Ave

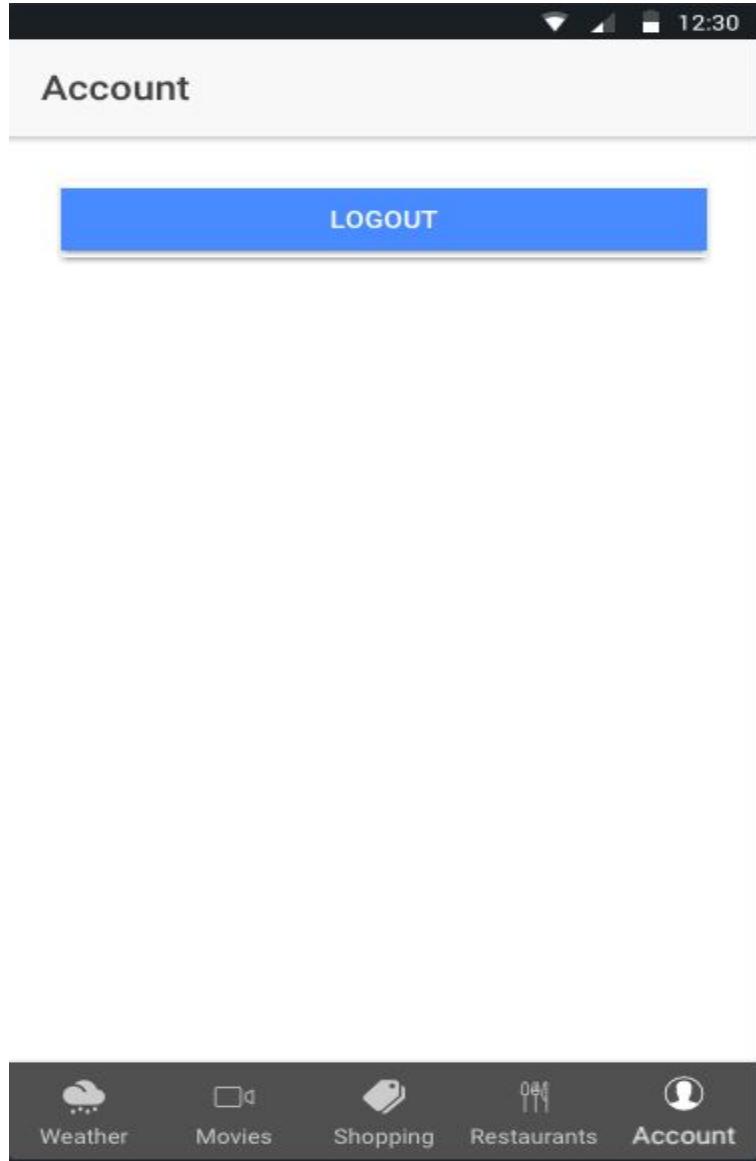


SHOW MAP

START

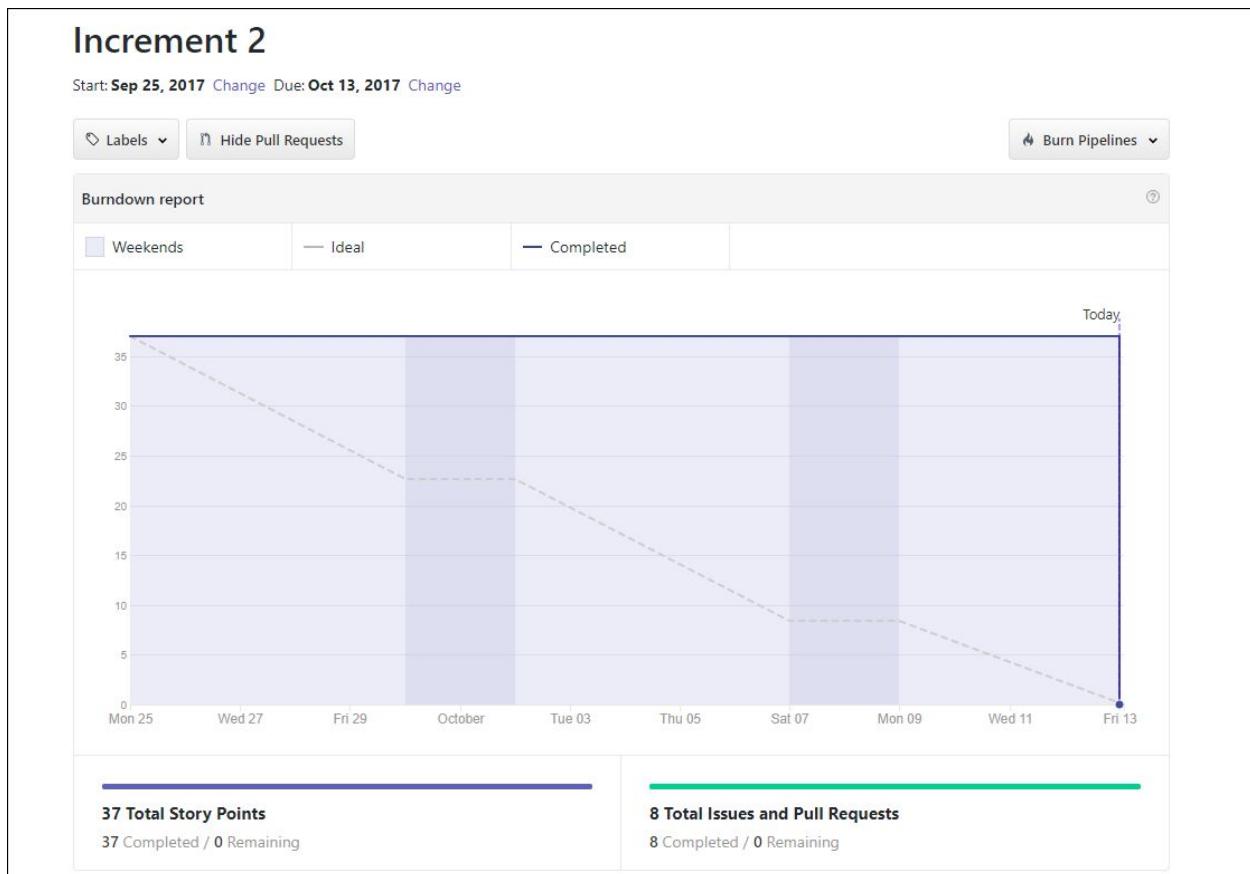


Sign Out in Account Tabs: When the user clicks on the logout button, user is logged out and navigated to login page



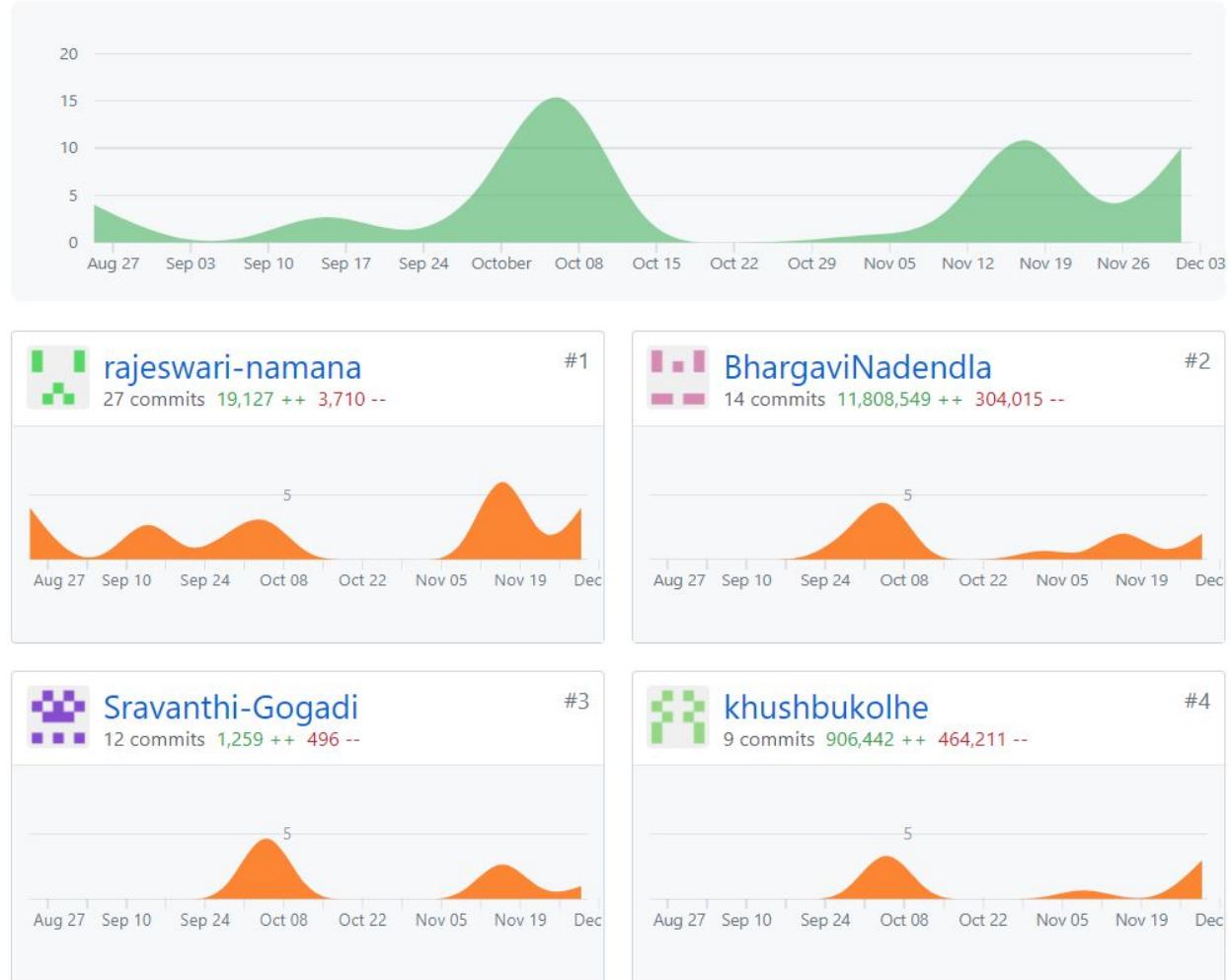
5. Project Management:

5.1 Burndown Chart:



5.2 Contribution:

1. Namana Rajeswari Devi - 25%
2. Khushbu Shashikant Kolhe - 25%
3. Gogadi Sravanthi - 25%
4. Bhargavi Nadendla - 25%



5.3 Authors & Work Completed:

All the work for increment 2 has been completed by the team members.

- Rajeswari Devi Namana(ClassID: 29)** - Team lead responsible for coordinating with team members, design of Login Page, Registration Page, implementation of Movies Page which is the introduction page to movies part, Movie Theatres Around Pages - displays the list and location of nearby theatres on a map, if a theatre is selected its address, contact number, reviews and navigation will be shown. Movies Around Page - displays currently playing movies and their details like story overview, trailer, genre. Can book tickets using an external link. Creation of Zenhub issues, involved in integration and documentation.

2. Khushbu Kolhe(ClassID: 20) - Designing and Implementation of restaurant part and implemented facebook login. Displayed the list of restaurants in radius of 10km from the current location. On click of every list item the restaurant details will be displayed. Implemented facebook login using cordova plugin. Involved in integration and documentation.

3. Bhargavi Nadendla(ClassID: 27) - Designed and implemented Weather page which gives the information of current weather for current location of the user, Weather forecast page which gives the hourly forecast of the weather for the next 12 hours. Implemented Google login and Firebase Email/Password login. Involved in integration and documentation.

4. Sravanti Gogadi(ClassID: 15) - Designed and implemented Shopping Module which displays the list of shopping malls along with the google maps with pointers. On clicking each item the user gets the details of the mall like address, mobile number and reviews. The reviews include author name, image and comment made by him. Involved in documentation and final integration.

6. Testing:

We have performed the following tests:

1. Whether the user is able to successfully register his name and password. The registered details are stored in the firebase.
2. The user should then login in with his correct details and must be redirected to the home page of the application.
3. Gmail and Facebook Oauth logins must redirect the user successfully to the application's home page.

S.No	Test Case Title	Description	Expected Outcome	Result
1	Successful user Verification	The user should login with their password and email id	User should login successfully	Pass
2	Unsuccessful User	Login to the system with a wrong password	Login should fail with wrong password	Pass
3	Successful user login	The user should login with their password and email id	User should login successfully and enter in to the application.	Pass
4	Oauthentication	User can be able to login with facebook or gmail login.	User can create a new login or can login with social oauthentication.	Pass
5	New user should signup	After providing the details new user gets registered successfully	User registration should happen successfully	Pass

7. Bibliography:

1. <https://ionicframework.com/docs/>
2. <https://www.themoviedb.org/documentation/api>
3. <https://www.wunderground.com/weather/api/d/docs>
4. <https://developers.google.com/places/>
5. <https://opentable.herokuapp.com/>
6. <https://developers.facebook.com/docs/>
7. <https://developers.zomato.com/documentation>