



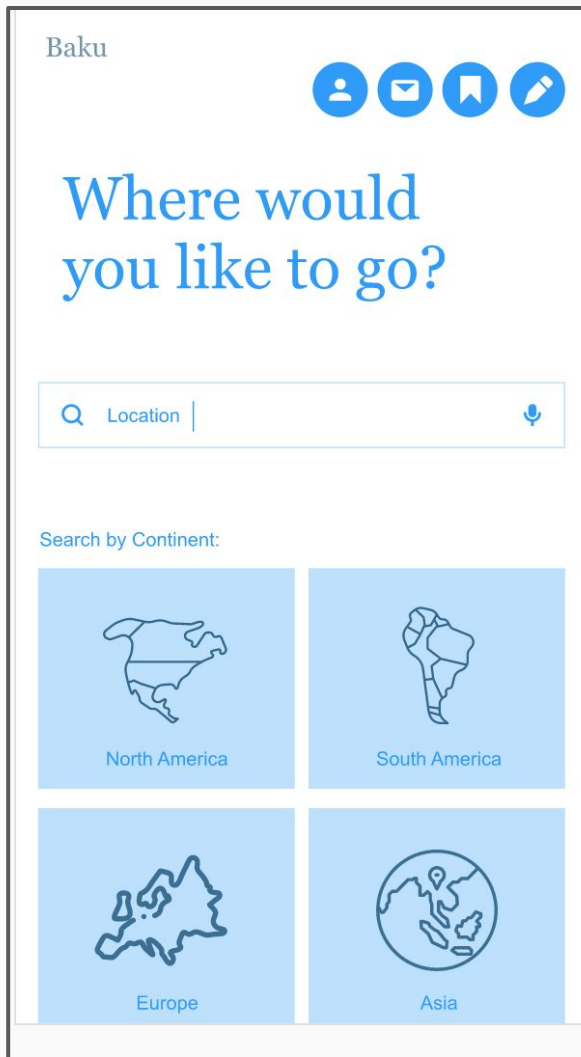
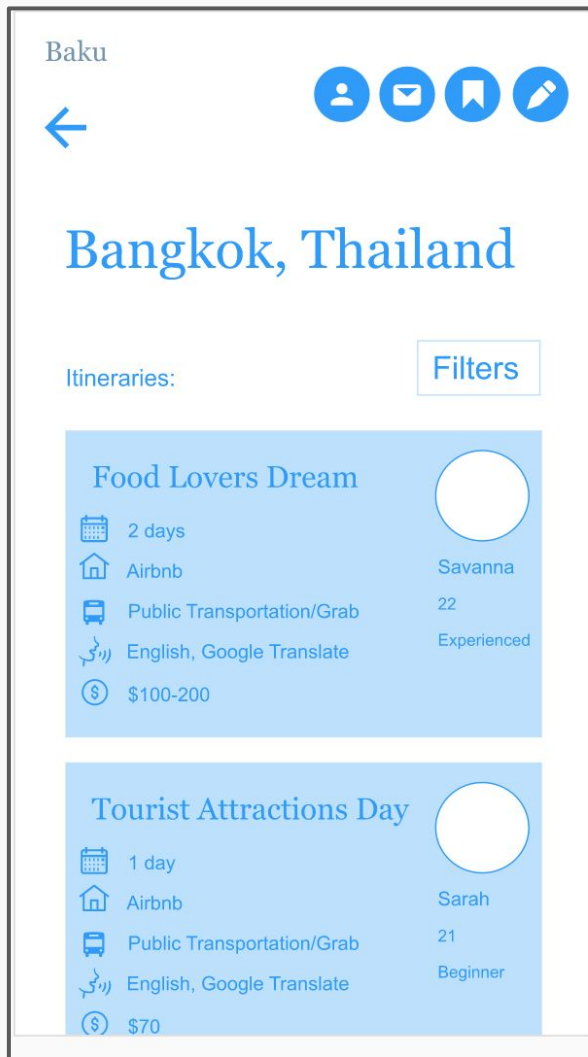
Sprint 2 Deliverable

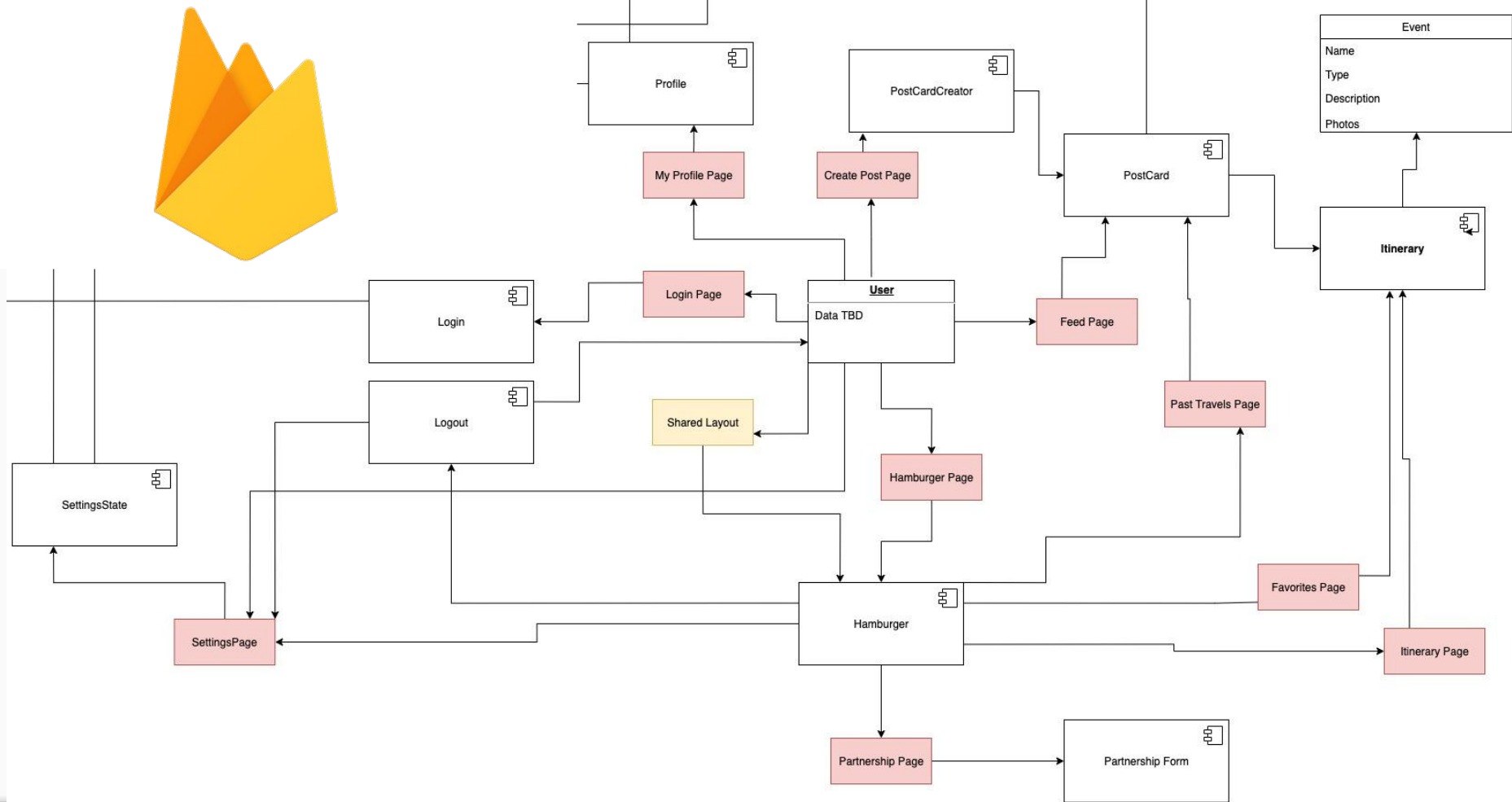
David Juliano, Shaurya Mago, Grant Matejka,
Abhishu Rawka, Shreya Tumma, Eric Zhou

March 11, 2020
CSC 308

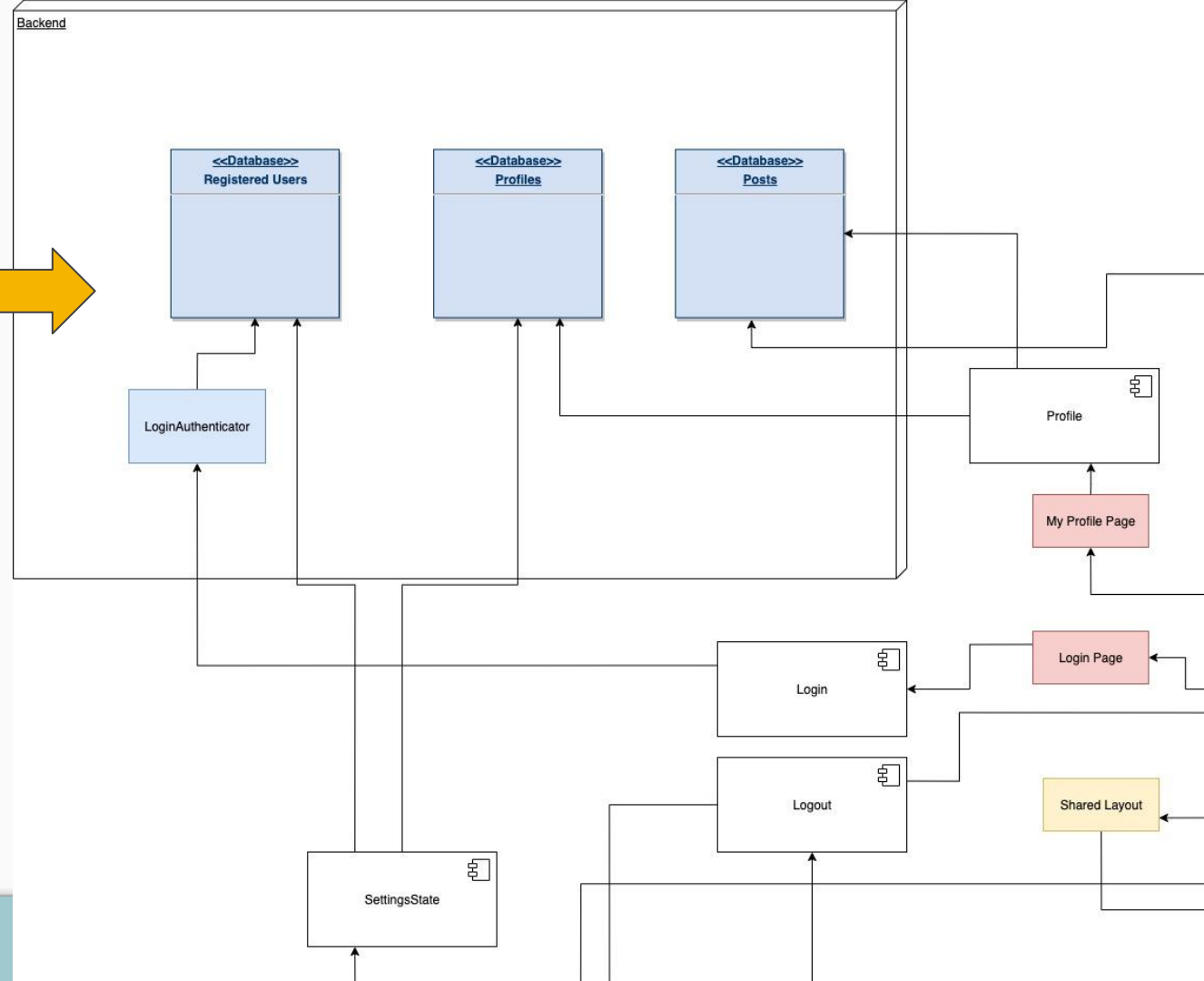
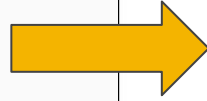
Core Product

- Choose feed based on location.
- Feed full of travel inspiration, real itineraries, blogging.





Deployment Diagram



Firebase

- Firebase is a Backend as a Service (*BaaS*) that provides an advantage to mobile developers who use React Native for developing mobile applications.
- As a React Native developer, by using Firebase you can start building an MVP (minimum viable product), keeping the costs low and prototyping the application pretty fast.
- Firebase is a platform that got acquired by Google and has a healthy and active community. Most users in this community are web and mobile developers as Firebase can help with-
 - Mobile Analytics,
 - Push Notification,
 - Crash Reporting
 - Email Authentication
 - Social Authentication.
- Cloud Firestore
 - NoSQL database built for global apps
 - Build truly serverless apps
 - Sync data across devices, on or offline
 - Dynamic Scalability

Authentication

Search by email address, phone number, or user UID

Add user



Identifier

Providers

Created

Signed In

User UID

demotest@demo.com



Mar 10, 2020

Mar 10, 2020

OtnRWMhyBMOiC1NyVfDpjm5axd...

demo@demo.com



Mar 10, 2020

Mar 10, 2020

WkyWhMyrwaXykoVmj4cbfQJIR0i2

test@test.com



Mar 8, 2020

Mar 11, 2020

upPuV5XbJ3Q4hiinYnynhsrlaj53

abc@gmail.com



Mar 10, 2020

Mar 10, 2020

zux6xmZg5rhov5n8fkxNvhV0m5a2

Rows per page: 50

1-4 of 4

Firebase

```
1  import React from 'react'
2  import { View, TextInput, StyleSheet, TouchableOpacity, Text, Button } from 'react-native'
3  import Firebase from '../config/Firebase'
4
5  class Login extends React.Component {
6    state = {
7      email: '',
8      password: ''
9    }
10   handleLogin = () => {
11     const { email, password } = this.state
12
13     Firebase.auth()
14       .signInWithEmailAndPassword(email, password)
15       .then(() => this.props.navigation.navigate("Tabs", {
16         screen: "FeedTab"
17       }))
18       .catch(error => console.log(error))
19   }
20 }
```


Sprint #2 Backlog

Sprint 2

Updated 2 days ago

Filter cards

+ Add cards

Fullscreen

M

2 To do

+ ...

! Get a Starter Create Profile Page

#30 opened by exzhou

...



! finish login page

#36 opened by GrantMatejka

...



4 In progress

+ ...

! Put together Shared Layout

#25 opened by GrantMatejka

...



highPriority

! Build Node.js backend

#38 opened by GrantMatejka

...

firstWeek highPriority

! Connect Pages Via Tab Buttons and Routes

#32 opened by exzhou

...

firstWeek highPriority



! link firebase database

#37 opened by GrantMatejka

...

firstWeek highPriority



2 Done

+ ...

! Get a Starter Login Page

#31 opened by exzhou

...



! Get initial connection to database

#28 opened by GrantMatejka

...

firstWeek



5 Concurrent

+ ...

! Sprint #2 Presentation

#41 opened by GrantMatejka

...

! Understand Flow of Sprint 2 Final App

#40 opened by GrantMatejka

...



! Hydrate

#42 opened by GrantMatejka

...

firstWeek highPriority



! Get a logo

#39 opened by GrantMatejka

...

! Decide on color scheme

#29 opened by GrantMatejka

...

Sprint #2 Backlog Results

0 To do



0 In progress



17 Done



4 Concurrent



🔔 Link text inputs to props/state



#58 opened by GrantMatejka

🔔 Understand Flow of Sprint 2 Final App



#40 opened by GrantMatejka



🔔 Link create profile page to firebase



#63 opened by GrantMatejka



🔔 Fix active icon coloring



#56 opened by GrantMatejka

🔔 Test database logging and connection



#57 opened by GrantMatejka



🔔 Get a Starter Login Page



#31 opened by exzhou



🔔 Decide on color scheme



#29 opened by GrantMatejka

🟢 SRS Document



#67 opened by exzhou

🟢 Hydrate



#42 opened by GrantMatejka

firstWeek highPriority



🟢 Sprint #2 Presentation



#41 opened by GrantMatejka

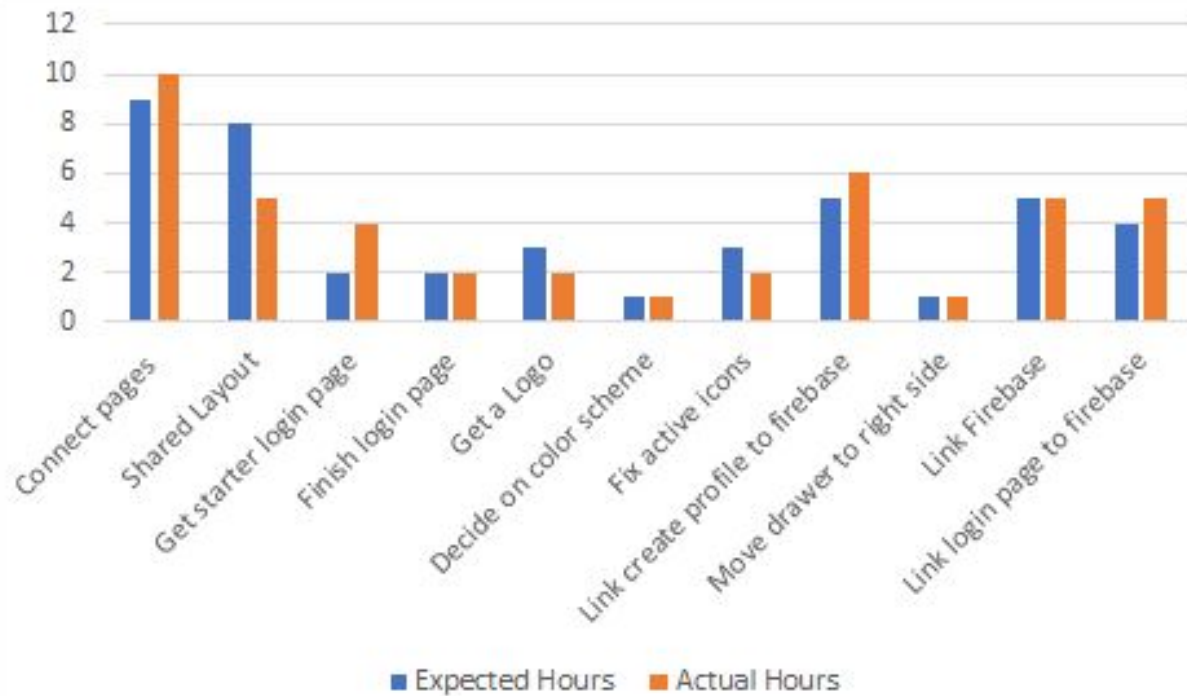
🟢 Maintain shared styles



#65 opened by GrantMatejka

Task Time Estimates and Actuals

Complete Task	Expected Hours	Actual Hours	Complete Task	Expected Hours	Actual Hours
Connect pages	10	9	Link create profile to firebase	5	6
Shared Layout	8	5			
Get starter login page	2	4	Move drawer to right side	1	1
Finish login page	2	2	Link Firebase	5	5
Get a Logo	3	2	Link login page to firebase	4	5
Decide on color scheme	1	1			
Fix active icons	3	2			

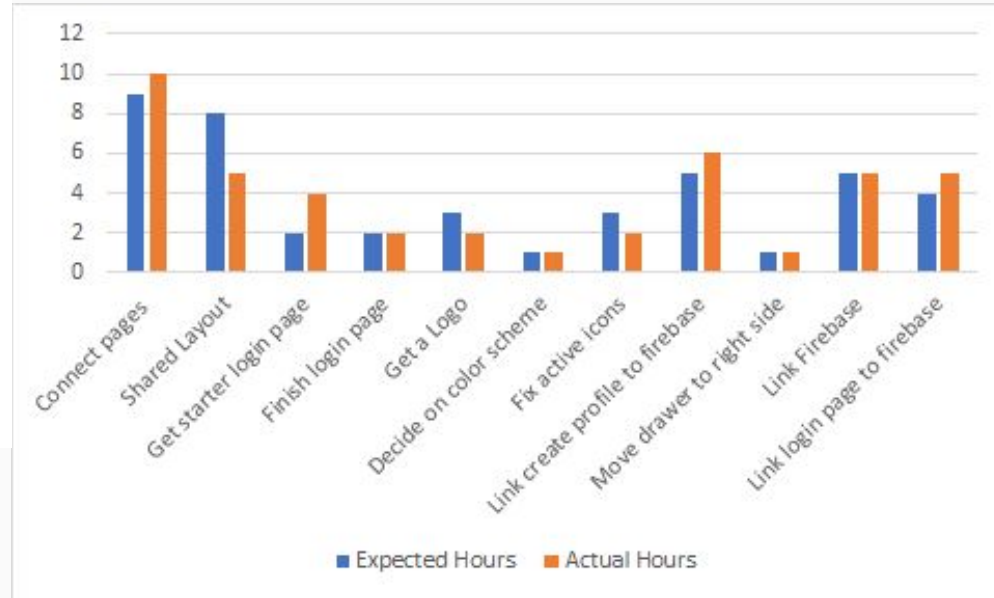
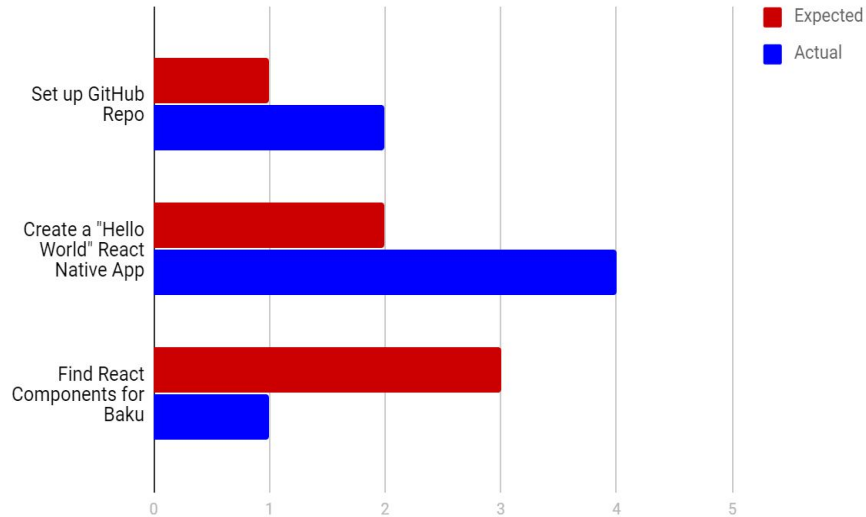


Additional Tasks Completed	Hours
Test database and logging	5
Link text inputs	4
Fix tabs styling	6
Node.Js Backend (scrapped)	2

Sprint 1 vs. Sprint 2

Sprint 1

Hours per Task



Sprint 2

Grant's Hours (GrantMatejka)

Main Role [Styling and Impacted Areas]

Expected / Actual (Hours) **NE = Not Expected*

1. Shared Layout: **8 / 5**
2. Navigation Research: **NE / 5**
3. Login Page Styling: **NE / 3**
4. Icon Styling: **NE / 1**
5. UI component Implementation: **NE / 3**
6. Tabs Component Help: **NE / 4**



Eric's Hours (exzhou)

Main Role [UI and Navigation]

Expected / Actual (Hours) **NE = Not Expected*

1. Stack Navigation: **4 / 8**
2. Tab Navigation: **1 / 3**
3. Cleaning Create Screen: **.5 / 1**
4. Starter Feed Screen / Post Components: **NE / 4**
5. Starter Search Tab / Profile Tab: **NE / 4**
6. Cleaned Up Login Page After FireBase Linked: **NE / 4**
7. Pre-Demo Clean Up: **3 / 2**



Abhi's Hours (abhishurawka22)

Main Role [Firebase and Backend]

Expected / Actual (Hours) **NE = Not Expected*

1. Firebase Research: **2 / 2**
2. Firebase Starter App: **NE / 6**
3. Firebase Setup for Baku: **2 / 3**
4. Login and Sign-up pages: **2 / 1**



David's Hours (djuliano14)

Main Role [UI and Navigation]

Expected / Actual (Hours) **NE = Not Expected*

1. BottomTab Navigation: **2/3**
2. Stack Navigation: **2/2**
3. Basic Login UI: **2/2**
4. Firebase Research: **NE/5**
5. Initial Screen Development: **1/1**
6. Welcome Screen Layout: **2/3**



Shreya's Hours (ShreyaTumma)

Main Role [UI and Node.js]

Expected / Actual (Hours) **NE = Not Expected*

1. Node.js Research: **2/4**
2. Backend setup with Express Framework: **2/1**
3. Firebase Research: **NE/5**
4. UI Post Component: **NE/4**



Shaurya Hours (shauryamago12)

Main Role [UI Improvements and Navigation]

Expected / Actual (Hours) **NE = Not Expected*

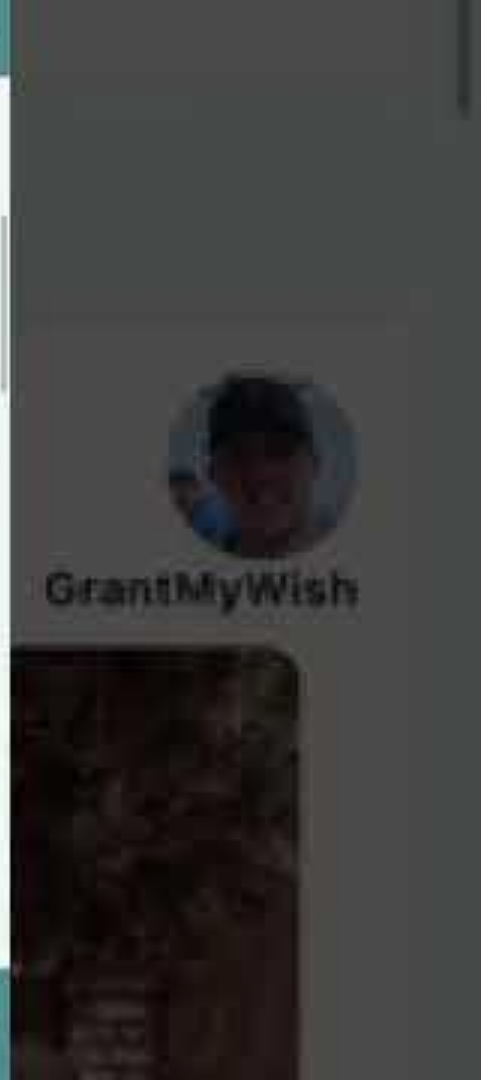
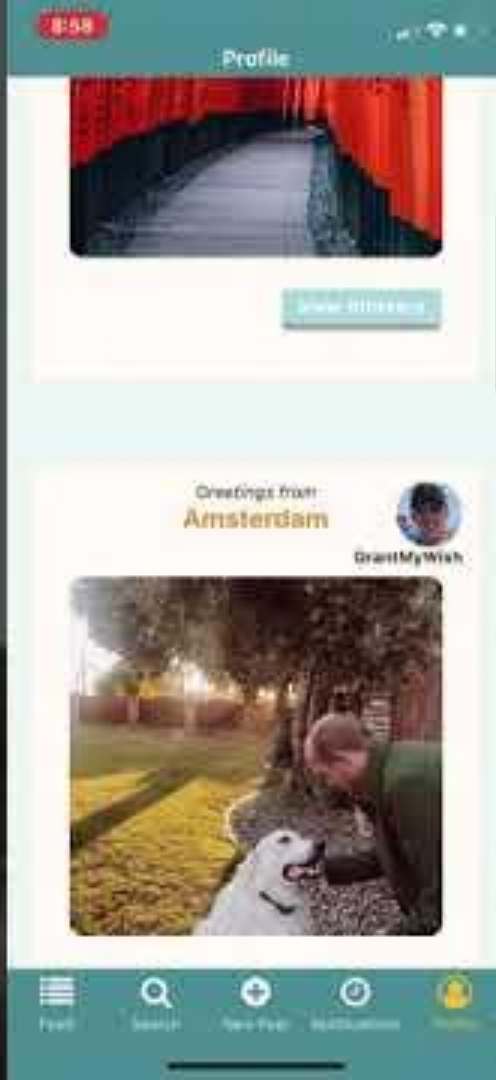
1. TopTab Navigation: **1/2**
2. Create Profile UI improvements: **2/2**
3. Hamburger Menu Improvements: **1/3**
4. Firebase Research: **NE/3**



Next Sprints Tasks Planned

1. Begin populating database with user data.
2. Add third party sign in/sign up methods.
3. Email Verification, Password Recovery.
4. Associate Signed in user with associated data.
5. Be able to fetch/update/add/delete data from our backend.
6. Convert every component to being data driven.
7. Implement a structured PostCard Component with nested necessary components.
8. Implement a working Search Bar / Starter Create Post and Notifications Components.

**iPhone
screen
record
does not
record
password
entry



Sprint Retrospective



What worked well?	Things to improve on:
<ul style="list-style-type: none">• Completing our tasks!• Team communication• Team morale• Working to our strengths	<ul style="list-style-type: none">• Organizing joint tasks• Integrating different parts of the stack• More frequent Github pushes• More Sprint Backlog Usage (referring to it to accurately track tasks)

Thank You!

