**MapCovid**

**Sprint 2 Final**

**Team 6**

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**Preface**

This document discusses the final deliverable for the second sprint. It will document daily workloads of each team member and the requirements that were completed as written in the intermediate sprint document.

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# Daily Scrums

## Daily Scrum 1

1. 7-7:15 pm on 4/19/21
2. Zoom
3. Summary of team member’s performance

Yifeng Yu

* Fixed the “About” page that should display the current version of the app and also the updates that have been done to the app.
* Today I will try to fix the bugs that have been discovered from assignment 5.
* Impediments to competing Sprint 2 goal: none

Yong Shin

* Fixed the authentication issue I had with getting the map API to load correctly.
* I plan to try to work on pages of our app that seem to be loading slower than others as well as design changes that need to be made.
* Impediments to competing Sprint 2 goal: none

Jonah Yamato

* Refactored some code to make it more readable and organized.
* I plan to work on implementing a current location feature into the maps.
* Impediments to completing Spring 2 goal: none

Cole Howard

* I finished helping to write up the previous assignment to turn in.
* I will look through the code and make sure that the code that was previously added is refactored and will try and clean it up.
* Impediments: none.

Yohan Kang

* I fixed some bugs relating to the news feed and investigated some of our team mates not being able to access the news and resolved it.
* I will focus on being able to display news based on the city the user chooses
* Impediments: none

## Daily Scrum 2

1. 7-7:15 pm on 4/21/21
2. Zoom
3. Summary of team member’s performance

Yifeng Yu

* Worked on location sharing in the setting page. Fixed the problem that the background setting will be correspondingly set up when enabling location.
* Today I will still work on the location setting so that when disabling the location in the background, the preference setting will also be disabled.
* Impediments to competing Sprint 2 goal: none

Yong Shin

* I found some bugs related to the pages loading slowly.
* I will try to uncover more of the bugs in the code.
* Impediments: none

Yohan Kang

* I continued to work on displaying the news based on different cities. I made some progress.
* I will continue to work on displaying news based on different cities and will sort out how to link clicking the map to the news page.
* Impediments: none

Cole Howard

* I finished cleaning up some of the code but needed to help fix a bug with Yong.
* I will continue to help Yong uncover more bugs in the code.
* Impediments: none.

Jonah Yamato

* Continued to work with google maps to include current location functionality. Got the camera to zoom into the current location.
* Plan to display icon on current location and implement a feature that constantly updates location
* Impediments: none

## Daily Scrum 3

1. 7-7:15 pm on 4/22/21
2. Zoom
3. Summary of team member’s performance

Yifeng Yu

* Worked on the bugs that are related to location setting. But the location checkbox was still not responding correctly when disabling the location in the background.
* Today I will keep working on that by doing more research on connecting the preference checkbox and the background setting for the app.
* No impediment that prevents me from meeting the Spring goal.

Yong Shin

* I’ve found the source of some of the bugs and resolved it.
* I also worked on getting the app to seamlessly transition between screens on the app.
* Impediments: none.

Jonah Yamato

* Implemented current location icon functionality, but still need to work on constant updates.
* Plan to focus on constantly updating the map and having the camera zoom in on wherever the user is if they change locations.
* Impediments: none

Yohan Kang

* I have found a way to have a user click on a certain marker on the map and make an api request based off of that city in the news page.
* Sometimes the news page comes up empty, so I will investigate that bug.
* Impediments: none

Cole Howard

* Yong and I identified the source of the bug and fixed it.
* I will begin to create the Assignment write up
* Impediments: none.

## Daily Scrum 4

1. 7-7:15 pm on 4/23/21
2. Zoom
3. Summary of team member’s performance

Yifeng Yu

* Fixed the bugs related to the location setting.
* Today I will fix the bugs for notification as notification is not working properly to send out the notification to the user.
* No impediment that prevents me from meeting the Spring goal.

Yong Shin

* I worked on getting the flow between screens more seamless and making sure that information that needed to persist between screens persisted. I did research on that and helped Yohan to make sure that the news and map work well together.
* Today I will continue to look at some of the bugs identified by the team and resolve them.
* Impediments: none.

Yohan Kang

* I found the cause of the bug and it turned out to not be a bug. I fixed some other issues with the clicking on the map and having the news page update.
* Next I will focus on adding changing the weather to the correct city.
* Impediments: none

Cole Howard

* I created a document for the writeup and put in most of the basic information.
* Jonah has asked for help in identifying the bugs related to the zooming issues so I will help him.
* Impediments: none.

John Yamato

* Completed location updating, fixed bugs relating to constant zooming everytime it checked for location.
* Will work on adding a pop up window to let users know they are exiting LA and some functionality will not work.
* Impediments: none

## Daily Scrum 5

1. 7-7:15 pm on 4/24/21
2. Zoom
3. Summary of team member’s performance

Yifeng Yu

* Correctly established the notification channel between the android app and firebase.
* Today I will try to implement the push notification testing button so that when I put the text in one box and click the other, the message will show up.
* No impediment that prevents me from meeting the Sprint goal.

Yong Shin

* I fixed some of the bugs the team identified like the app crashing after someone’s code was uploaded.
* I will work on creating a calendar page for the app to track the users location data.
* Impediments: none.

Yohan Kang

* I successfully added the weather feature to the app.
* I will refactor my code as the new functionality has added a lot.
* Impediment: none

Jonah Yamato

* Finished implementing a pop up window to let users know they are exiting LA. One bug is that if they are outside LA the window will constantly pop up.
* Plan for today is to fix this bug.
* No impediment.

Cole Howard

* Helped Jonah identify the bug.
* I will begin to work with Jonah and Yong to make sure that the calendar page can work well with the maps and location data.
* No impediment.

## Daily Scrum 6

1. 7-7:15 pm on 4/25/21
2. Zoom
3. Summary of team member’s performance

Yifeng Yu

* Set up the testing buttons for pushing notifications.
* Today I will try to fix the problem with memory usage in the setting page as the memory preference button is not correctly responding to the onclick event.
* No impediment that prevents me from meeting the Sprint goal.

Yong Shin

* I laid out the foundations of what the calendar page will look like and created the design in the resources file.
* I will now begin to code some of it into a new fragment.
* Impediments: none.

Jonah Yamato

* Fixed bugs relating to the pop up window and current location.
* Will look into how to best store location data locally on app.
* No impediment.

Cole Howard

* I helped Jonah and Yong lay out some basic designs for how to give the calendar page the data from the maps page and how to store it.
* I will continue to test the app to make sure it behaves as expected and sort through any problems I find.
* No impediments.

Yohan Kang

* I refactored the code and commented on most of it.
* After testing the code, my teammates discovered some bugs with the news features I hadn’t seen before. I will begin to investigate the causes.
* Impediments: none

## Daily Scrum 7

1. 7-7:15 pm on 4/26/21
2. Zoom
3. Summary of team member’s performance

Yong Shin

* I’m continuing to work on creating the news page as well as integrating it into the existing toolbar
* I will continue to work on this.
* Impediments to completing Spring 2 none.

Jonah Yamato

* I looked into the ways of storing and decided to implement the Room database, which is based on SQLlite.
* I will begin to incorporate the database into the project and begin setting up the database itself.
* No impediments.

Yifeng Yu

* Worked on onclick event for memory usage button on the button setting. However, the onclick event handler successfully prints out the message on the console but fails to trigger the memory cleaning event.
* Today I will keep working on the memory cleaning event handler.
* Impediments to competing Sprint 2 goal: none

Cole Howard

* I tested some of the features and functionality of the app and found some bugs that I’m continuing to work on.
* I will continue working on the bugs and also identifying critical ones.
* Impediments to completing spring 2 none.

Yohan Kang

* The bugs have led to some deeper issues in the code that I’m still working on.
* I will continue to work on the issues and resolve them to ensure the news section works.
* Impediments: none.

## Daily Scrum 8

1. 7-7:15 pm on 4/27/21
2. Zoom
3. Summary of team member’s performance

Yohan Kang

* I fixed the bugs related to the news section.
* I will try to help Yifeng to trigger the memory cleaning event.
* Impediments: none.

Yifeng Yu

* Worked on the memory cleaning event for memory usage preference. Still failed to trigger the event.
* Today I will keep working on that by doing more research and asking TAs for help.
* Impediments to competing Sprint 2 goal: none

Jonah Yamato

* I implemented a class for storing location data and giving it attributes so it’s able to be looked up including date and time.
* I still need to be able to implement DAO functionality to allow for CRUD operations.
* No impediments.

Yong Shin

* I am still continuing to add this piece of functionality to the page after running into some unexpected problems.
* I will continue to work on it.
* No impediments.

## Daily Scrum 9

1. 7-7:15 pm on 4/28/21
2. Zoom
3. Individual Contributions

Yong Shin

* I successfully completed the calendar page and integrating it into the tool bar.
* I will now begin to help Jonah with some of the errors he’s encountering with the local database.
* Impediments to competing Sprint 2 goal: Overlapping with CSCI-310 exam 2

Yifeng Yu

* Worked on the memory cleaning handler.
* Today I will keep working on that after the exam.
* Impediments to competing Sprint 2 goal: Overlapping with CSCI-310 exam 2

Jonah Yamato

* I implemented an interface for CRUD operations, but am having trouble running it due to some errors I’m encountering.
* I will continue to try to fix the bugs.
* Impediments to competing Sprint 2 goal: Overlapping with CSCI-310 exam 2

Yohan Kang

* I helped Yifeng with the memory cleaning event.
* The midterm is coming up will continue to see what other functionality I can add.
* Impediments to competing Sprint 2 goal: Overlapping with CSCI-310 exam 2

## Daily Scrum 10

1. 7-7:15 pm on 4/29/21
2. Zoom
3. Summary of team member’s performance

Jonah Yamato

* I still have not been able to implement the database into the app due to unforeseen complexities.
* I will continue to try integrating the database or trying another one.
* Impediments: database.

Yong Shin

* I helped Jonah integrate the database and helped research some of the bugs and issues he encountered.
* I will continue to help him implement the database.
* Impediments: none.

Yohan Kang

* I continued to help Yifeng with the problem as it is more complicated than either of us thought it would be.
* I will continue to help Yifeng as well as add more functionality.
* Impediments to competing Sprint 2 goal: overlapping exams

Yifeng Yu

* Worked on the memory cleaning event handler in the setting page
* Today I will elaborate the location sharing setting so that it will print out the last known location that the user locates when enabling the privacy setting in the setting page, so that it will help generate the tracking history for the map page.
* Impediments to competing Sprint 2 goal: overlapping exams

Cole Howard

* I finished up writing the sprint for the team.
* For next time I will make sure the team knows the priorities to accomplish for the next sprint.
* Impediments: none.

# Sprint Review

Meeting Location: Zoom

Meeting Time: 7:00 - 7:30 PM

Conclusions

Throughout each of the scrum meetings, the team demonstrated a cohesive effort to accomplish the Sprint 2 goal. Group conflicts were non-existent and everyone seemed to have a desire to help the team in any way possible. This dynamic led to goal-oriented yet pleasant discussions regarding our project. When members were unable to attend meetings, they provided ample notice and would outline their contributions in the team group chat so that everyone else stayed up to date on the project. Finally, each member offered ample support to others when they needed help.

In the previous Sprint Review, our team decided that a 5:00pm meeting time was too difficult for our members in Eastern countries and to meet at 7:00pm instead. This resulted in much more manageable meeting times for some of our members and also resulted in livelier discussions.

For this sprint, our team managed to successfully implement the following features: the local weather appearing on top of the news page, the weather and local news properly changing based off the chosen location, a calendar in the user tracking page,the user’s current location, constantly updating user’s current location, and adding a pop up when the user goes out of LA.

As April 30 marks the end of the Spring 2021 classes, all of our team members had multiple overlapping assignments from different courses which made it very difficult to properly complete all of the features that were required for this sprint. Because of these impediments, we were unable to complete most of the user tracking features. But we will use the late days to keep working on that.