## Group Name: WAP Team

## Project Name: COVIDTRACKER

## Team Members:

## Rayan Treebhowon N01226282

## Tsidkeenu Aznar N01180428

## Satyam Dalvadi N01333116

## Jagminder Sembi N01300801

* GitHub Link: <https://github.com/TsidAznar/WAPCENG319>
* For Cloning: <https://github.com/TsidAznar/WAPCENG319.git>
* Scope/mission: Our Team, WAP is in the working of making an application called COVIDTRACKER. What this application will achieve is that it will be providing information about Covid-19 worldwide. In these tough times not a lot of people are not up to date about Covid-19 like what is happening around the world such as certain countries or and the states from USA as they were recently the leading country with the most cases worldwide that is why the application focuses on them: cases, active, recovered, deaths and total people that have been tested. The goal that we’re trying to aim is to deliver the information to people about different areas in the world.
* Project Description:
* The project retrieves live data from APIs and store them into a table (Saved Data Tab). The application retrieves the live data of the total of confirmed cases around the world and as well it displays the percentage of recovery and the number of active, recovered, death, critical states and total number of affected countries on the main page at the moment the user enters the application or each time they wish to refresh the data. User will also be able to navigate to the next tab and search every single country around the world or their own country by clicking on the country name and a drop down menu will appear for them to chose the country they wish to see the data and where it would display the total number of confirmed cases as well as active, recovered, deaths, critical and total tests and test per million. User will be able to refresh their Live Data by pulling down the screen and the loading will be initiated, and this will refresh the Live Data in the application. User will be able to access another tab for Saved Data. The Saved Data Tab basically pulls all the Live Data from the API and stores it into a table for the user. User will also be able to change the background color of the application by using the Theme button which will be available on every screen for easy access (each time theme button is pressed snackbar will appear to notify background color has been changed). User will be able to save their signature in the application in the setting tab and as well select their default reply actions for emailing (will be saved with Sharedpreference even after the application is closed). User will also have the chance to send us feedback on issues they are having with the application for us to update and improve the application. Once user clicks on submit a prompt asking for permission to collect data from device will appear once user agrees it will open their default email application, they are using such as GMAIL to submit/send their feedback email to us. Application will also support English and French.
* Table of Contribution:

Elaborated in Peer Review.

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| --- | --- |
| Name | Contribution |
| Rayan Treebhowon N01226282 | 90% coding (including milestones 2&3 and final presentation (PowerPoint)+documentation, committing and pushing to GitHub repository) |
| Tsidkeenu Aznar N01180428 | Milestone 1 & PowerPoint, helped in final presentation PowerPoint |
| Satyam Dalvadi N01333116 | Milestone 1 & PowerPoint, helped in final presentation PowerPoint |
| Jagminder Sembi N01300801 | Milestone 1 & PowerPoint, helped in final presentation PowerPoint |

* Peer Review (Work Done by Who):

Rayan Treebhowon N01226282: Whole application implementation, All coding (starting the package, building and implementing the whole application (UI, API, layouts, Activities, model, data, utility, menus, drawable(images with different resolutions), navigation, xml (root preferences), font, mipmap, values, strings(EN & FR), test cases) and Gantt Chart, Milestone 2 (UI ideas), committing and pushing to GitHub repository, Milestone 3 documentations and Final Presentation PowerPoint. Working on Test Cases. Finalizing Final Presentation PowerPoint and documentation.

Tsidkeenu Aznar N01180428: C4 diagram, User Experience Feedback, Team name, Interface color coordination, Highlighted Development goal, Created Group GitHub management, Working on Test Cases. Helped in Final Presentation PowerPoint.

Satyam Dalvadi N01333116: Working on Test Cases, worked on the UX colors but did not quite work well, brain stormed ideas for presentation. Helped with work break down. Helped in Final Presentation PowerPoint.

Jagminder Sembi N01300801: Working on documenting application instructions on how to use the application for users and teacher (Milestone 3 documentation). Milestone 1 brainstorming. Working on Test Cases. Helped in Final Presentation PowerPoint.

* Instructions:

Installing Application: Allow to access photos and media.

Welcome Page: Read the main page about our application and press on proceed button.

Main Page: Main Page with World Data and with navigation drawer.

Navigation Drawer: Using Navigation Drawer on the top Left of the Main Page to navigate through different screens.

Your Country: By clicking on the country name (initially Canada), a drop down will appear with every country in the World (pick any country to view COVID-19 cases and statistics of that country).

Saved Data: Basically, all countries data saved in a table view (retrieved from APIs).

Setting Screen: Will be able to save signature and choose default reply method and using switch to determine whether you want to sync email periodically or not. If yes you can also choose if you wish to download incoming attachments from incoming email or not.

Send Feedback Screen: Will be able to send our team email about issues they encountered with the application or any suggestion to improve the application. Once user clicks on submit, they will be asked if our application could retrieve data from their device. If yes, they will be directed to their default app email to send us their feedback