DELIVERABLE - 1

TITLE: COVID INFORMATION ANDROID APP

GROUP BRAINSTROMERS

GROUP MEMBERS:

1. Vaishnavi Mandadi (Group Leader)

2. Akshaya Sampelli

3. Venkata Sai Reshma Kallepalli

4. Aishwarya Yadav Jala

5. Sahith Reddy Chintakuntla

6. Kiran Jyothi Bodduluri

7. Rajashekhar Reddy Moddu

PROJECT DESCRIPTION:

For everyone, the current global coronavirus outbreak has been extremely difficult. Recent numbers show that 213 countries have been impacted by the current pandemic, and some people worry that it may last for a very long period. Until a vaccine is developed, preventive measures and public awareness campaigns are the only ways to stop COVID-19 from spreading exponentially. The creation of an Android app to assist COVID-19 patients and spread awareness of the ongoing pandemic. Those working to stop the pandemic may be able to interact with the medical community and political authorities more effectively through this.

HARDWARE AND SOFTWARE REQUIREMENTS:

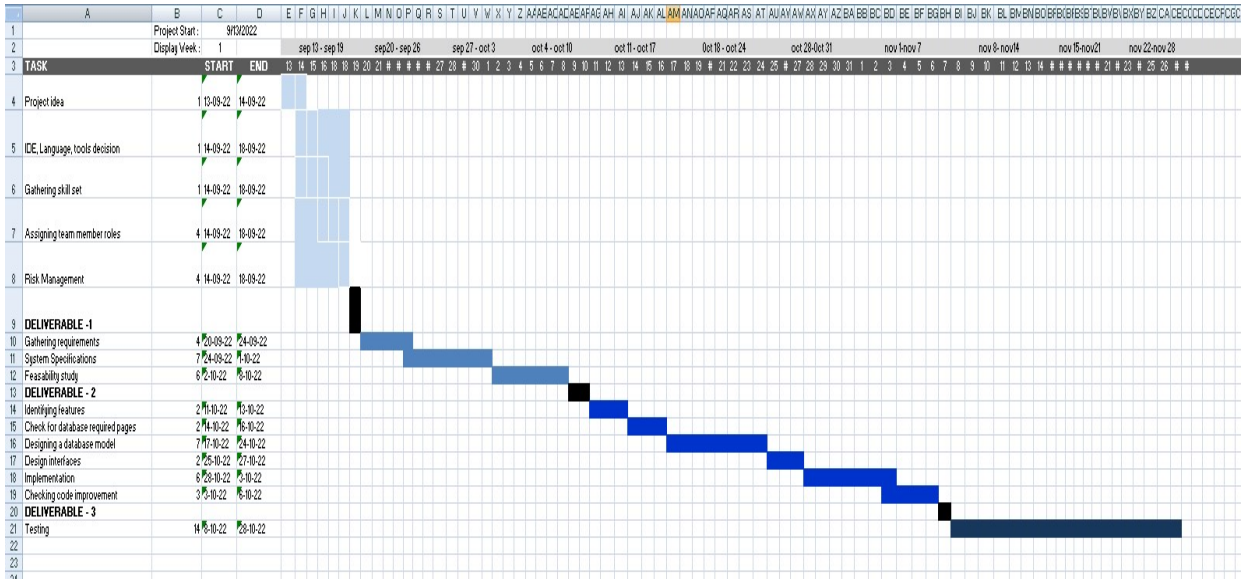
- HARDWARE REQUIREMENTS, Intel i5 process and above, RAM 8 GB and above, HD 500 GB and above, GPU GTX 1080 and above are required for processing of this project.

- SOFTWARE REQUIREMENTS Android studio, JDK is used to develop an android application. For implementation of Front End Language, XML is used. For Implementation of Back End Language Java is used.

FEATURES OF THE PROJECT:

- This page allows you to view state-by-state COVID data in real-time.
- The overall number of confirmed, suspected, and suspected cases of the virus in each state has been broken down for your convenience. The information was gathered from the government's official COVID-19 website, which is continuously updated to guarantee accuracy.
- Recall the significance of symptoms in this. A health survey for users will be required.
- A user's symptoms can be evaluated and their likelihood of catching the virus can be estimated using an algorithm based on prior COVID behavior.
- Before selecting "Map Check," the majority of APP users will use the search box. Depending on how likely it is that they have come into contact with the virus, the locations of individuals who have reported symptoms to the APP database may be represented on the map below by pins that are either red, orange, or green. The color of the pin could be used to show how much the person has been exposed to the virus. If you have been experiencing symptoms and have reported them, authorities may use Map Check to examine your data.
- In both the User and Volunteer forums, you can give links. In addition to money, users may contribute tangible goods like clothing and food. By contacting one of the organizations that the APP suggests, anyone moved to help can do so.
- Anyone who has reason to believe that the problem could have an impact on them or someone close to them should contact the authorities.

GANTT CHART:



RISK MANAGEMENT:

The process of identifying and mitigating potential risks is referred to as "risk management" when applied to businesses. Any department, from accounting to human resources to project management to marketing to production, could be the source of these threats. To avoid irreparable harm to a business, all risks, regardless of their magnitude or nature, should be identified as soon as possible and mitigated whenever possible.

Risk factors typically fall into two categories: both inside and outside internal risk factors include a variety of different kinds of fraud, breaches of contracts, attacks on network security, and incompetent management. In contrast to internal variables, external variables are not directly under the organization's control. Changes in the stock market, changes in interest rates, new laws, government policies, and most recently the social and economic effects of the epidemic are examples.

TEAM ROLES:

1.Vaishnavi Mandadi : Project Management Lead, Demo and Presentation Lead, manages Design of User Interfaces, manages System.

2.Akshaya Sampelli : Implementation of Android frontend , System Administrator, manages meeting minutes.

3.Venkata Sai Reshma Kallepalli: Demo and Presentation Lead, Graphics designer , manages Documentation.

4.Aishwarya Yadav Jala: Implementation of Android backend , Design of User Interface, testing, manages github.

5.Sahith Reddy Chintakuntla : Requirements Lead, Java Developer, and manages Documentation.

6.Kiran Jyothi Bodduluri : Implementation of backend, Java developer, manages Configuration and Management.

7.Rajashekar Reddy Moddu : Configuration and Management lead, creates meetings.

TEAM CONTRIBUTION FOR DELIVERABLE – 1:

Member Name	Contribution
Vaishnavi Mandadi	As the leader, I have conducted and organized zoom meetings with them every day. We have discussed project ideas, features, negotiations, and implementations. I have updated meeting minutes and worked on some part of deliverable 1.
Aishwarya Yadav Jala	Worked on GitHub repository and readme file. Attended group meetings, helped in making ppt.
Kiran Jyothi Bodduluri	Worked on few slides of ppt, helped in making Gantt chart, participated in group discussions.
Venkata Sai Reshma Kallepalli	I worked on deliverable 1, Gantt chart and risk management. I also worked on features and functionalities.
Akshaya Sampelli	Gathered the required information for the project, worked on Gantt chart.
Sahith Reddy Chintakuntla	Worked on ppt and made the necessary changes at the end. Participated in meetings.
Rajashekar Reddy Moddu	Helped with project deliverable 1 and GitHub repository.