**Abstract: -(Rai)**

As COVID-19 is creating serious threat to human life’s so we as a human should have to take the responsibility to make others aware about the virus so that they can take fruitful steps against it. In order to make others aware we have combined the awareness with Artificial Intelligence and come up with a solution in the form of a website. The awareness is done through a chatbot and a detector. One of the main motives is to reduce the wastage of covid-19 test kits and the other motive is to make others. Knowledgeable about the virus so that everyone could take precautions from it.

**About of the Project: -(Anay)**

The project is divided into five sections and each section contains specific content. The home page contains the introduction of the virus and the real time count. The About page contains the details of the developers. The services section contains the detector. The F>A>Q section contains the chatbot and the contact section contains all the contact details of our group.

**Probability Detector: -(Rupak)**

Detection is one of the most important process of recovery and we have introduced it on our website. The client will give their details of their symptoms and the website will predict whether they are affected with COVID or not in the form of percentage. If the percentage exceeds 75 percent or more then they should consult the doctor otherwise not needed. The data is in a random style so the prototype which we have designed will not give the correct probability but if it is implemented at a bigger level then it can be a good resource for government hospitals.

**Web Scraping: -(Rupak)**

A real time web scrapper has been used for fetching Realtime data.

**Chatbot: - (Sourit)**

The main reason for the spread of this pandemic is due to the spread of wrong or misleading information. In order to solve this issue a chatbot has been implemented, to convey correct and accurate symptoms, remedies (if any). It also provides a virtual one on one communication platform which makes the user or client a bit comfortable and confident to share his or her opinion. Its ability to keep the conversation as a training data makes it a bit more responsive.

**Contact: -(Sanchary)**

We have added an embedded google map display of our office so it can help the clients. The form that we have designed to listen to our client queries contains a validator. Also we have added our Gmail and contact number so that the client can reach us easily and we can help them in the most possible ways. Now for the future aspect of our website I would like to hand over this to my team-mate Rai Banik.

**Future Aspect of Website: -(Rai)**

Now for the future aspect of our website we would like to host this on an online web domain for the faster responsiveness. In order to increase the security, we will implement a login and signup page so that the authenticated user can enter the website and access it. Database is also one of the major aspects because we don’t want the client to provide the information several times whenever they enter. We are planning to introduce a tracker which will track the number of affected patients which is nearby the client’s gps location. Now I would like to handover the future aspect of detector to our teammate Rupak Dey.

**Future Aspect of Detector: - (Rupak)**

Dataset is an important future aspect of probability detector. If we can access the actual dataset of the patients from the government database then the output will be more accurate and its accuracy score will be better.

**Future Aspect of Chatbot: - (Sourit)**

In the further aspect of our Chabot we would like to use the concept off stop words for making the user search more versatile and understandable by the chatbot, which would result making the chatbot search result more accurate and more user friendly. We would also try to implement the concept of synonyms in the user search, which would versatility on the user end, and the Chat bot would be able to give output regardless of any synonyms used.

**Conclusion: -(Anay)**

The world is suffering from the greatest pandemic ever experienced. The human population is badly affected by this. The doctors are trying their best to find the antidote of this pandemic. But only the doctors will not be enough to fight against this pandemic we the human beings all have the responsibility to stand against this pandemic and help the others in various possible ways. It is in a prototype state so if we can get good resources in the future, then this project can be efficient for doctors. Considering the trending technologies like python and machine learning we have tried to execute on this. Through this project, we want to request each and every people to help the other in their most possible ways because together we can succeed and one day we will definitely overcome this pandemic and world will be again an amazing place to live on.