PROJECT TOPIC: Disease-Predictor

B.Tech CSED Group No. :07

Project Group Members:

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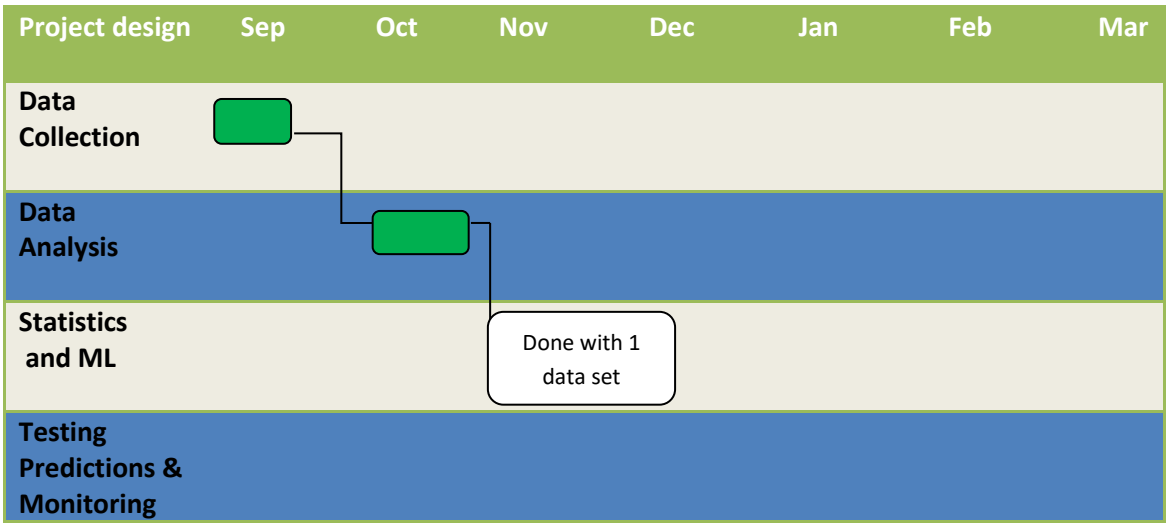
About the Project: Presently, the medical practitioners prognosticate the diseases of a patient based on their knowledge and the experience and understanding they have developed over time. Even after a great experience with the medical field, the prognosis made by doctors could be inaccurate as they are also human. Our approach will give a single platform for predicting various illnesses. Our system will examine the reports and draw conclusions based on them. The model's new predictions will be utilized as a prior dataset to train the model for future inputs to improve the system's performance. Our technology will act as a resource for doctors, allowing them to be more confident in their judgments and reducing the likelihood of incorrect diagnoses.

Motivation: The main motive of the project is to provide a web application to the medical practitioners that will help in diagnosing the patient. Our web application will ease the work of doctors in diagnostics of the disease of a patient. Our platform will be using training datasets for creating such a model and the predicted result will also be added as a training data to enhance system's performance over time.

Project Planning:



Testing Predictions & Monitoring
Bunding models
Integrating in Web Application

Tools required:

- **Hardware Requirements:**
  - 8 Gb Ram
  - At least 250gb internal memory
  - Min 4gb Graphic Card

- **Software Requirements:**
  - **Technologies:** Anaconda, Python, HTML, ReactJs, JavaScript
  - **IDE:** PyCharm IDE, Jupyter Notebook, VS code

Signature of Project Supervisor: _____