

Team Name

Team Exuberant

Group Members

Nipun Garg (Team Leader)

Harsh Paba

Suddhasattwa Khan

Sankalp Rana

Project Name

IntelliMed

Github Repository

<https://github.com/ngarg2k2/IntelliMed>

Problem Statement/Track

Open Innovation

Sponsor Track

Polygon

Brief About Project

- The problem we are trying to solve is to develop a system that can accurately predict diseases based on symptoms and recommend appropriate medicines based on the predicted disease. This system will allow people to purchase medicine from a store that is in itself a "smart" store.
- To optimize medicine inventory management, the store will update its inventory of medicines based on predictions of previous usage. This will help to ensure that the store always has enough stock of the most frequently used medicines and avoids unnecessary stock of less frequently used ones.
- To accomplish these tasks, we are using advanced machine learning techniques such as LSTM models, which are commonly used for sequence prediction tasks, to predict medicine usage. Overall, the goal of this project is to provide a reliable and efficient system for disease prediction and medicine recommendation, which can potentially help to improve healthcare outcomes and patient satisfaction.

Tech Stacks

- Frontend
 - Html
 - CSS
 - JavaScript
 - Bootstrap
- Backend
 - Python
 - Flask
- Database
 - SQL
 - flask sqlalchemy
- Machine Learning Models
 - Random Forest
 - LSTM



*Thank
You!*