DISEASE OUTBREAK DETECTION

Team Members

- ➢ Pratham Nayak   - 191IT241
- ➢ Aprameya Dash   - 191IT209
- ➢ Suyash Chintawar - 191IT109

Step 1- Initial Setup

1. Clone the Github repository

    git clone https://github.com/spectre900/Disease-Outbreak-Detection.git

2. Enter the cloned directory. Install all required packages from **requirement.txt**

    pip install -r requirements.txt

Step 2- Train model

1. Enter the directory **LSTM/train**. Execute the file **preprocessing.py**

   cd LSTM/train

   python3 preprocessing.py

2. In the same directory, execute the file **train.py**

   python3 train.py

3. Wait for the training to be completed! Finally a trained disease detector model will be created.

Step 3- Execution

1. In the main directory, execute the driver file 'driver.py' to generate real-time data.

   python3 driver.py

2. Enter the **Frontend directory and** execute the file **app.py** to start the flask server

   cd Frontend

   python3 app.py

3. Open the URL:

   http://127.0.0.1:5000/

4. Browse the web pages and see all generated statistics!

Thank You