PROJECT REPORT

OVERVIEW:

The project is designed to provide healthcare professionals and researchers with powerful tools for visualizing, analyzing, and forecasting patient data from UNZA Hospital.

Key Features:

- Upload Data: Easily upload patient data from Excel files or MySQL databases.
- Visualize and Analyze: Explore data patterns, trends, and relationships using a variety of visualization techniques such as pie charts, scatterplots, histograms, line graphs, and bar graphs.
- Predict Future Occurrences: Forecast future events based on historical data using advanced time series forecasting methods.

Meeting Schedule;

The group decided to meet twice a week on Tuesdays and Fridays, starting from Tuesday, April 10th, 2024.

Attendance Summary;

Below is a summary of the attendance for all group members:

GROUP MEMBERS	WEEK ONE	WEEK TWO	WEEK THREE	WEEK FOUR	WEEK FIVE	WEEK SIX	WEEK SEVEN
FLORENCE	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
BENIAH	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
KUNDA	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT

LUYANDO	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
OCEAN	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT
FRED	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT	PRESENT

Weekly Progress Report;

Week One

During the first week, our group attempted to obtain data from the University of Zambia (UNZA) Clinic, but we were unsuccessful. We also discussed the potential illnesses affecting UNZA students and took note of the hostels at UNZA.

Week Two

In the second week, we focused on cleaning the data that we had collected for analysis. Additionally, we brainstormed various methods to implement the data effectively.

Weeks Three and Four

Over the third and fourth weeks, our efforts were directed towards completing the Java Parser assignment. This task required our full attention, so progress on other aspects of the project was minimal.

Week Five

In the fifth week, we allocated specific tasks among the group members. Florence and Kunda were assigned to manage the layout and appearance of our project. Ocean and Fredrick were

tasked with making future predictions based on the data, while Luyando and Benaiah were responsible for visualizing and analyzing data.

Weeks Six and Seven

During the sixth and seventh weeks, we held meetings to review the progress each member had made on their respective tasks. We also compiled all the work done so far to ensure everything was on track and integrated smoothly.

These structured efforts have helped maintain a clear focus on our project goals and facilitated effective collaboration among team members.