Web App Technical Documentation

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Login +signup [ Same as previous App]

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input – excel ,csv [or api access from hospitals] or [APPLE Health Data]

output – load the files into DB

Target :

- 2.1 Excel/CSV File Upload

- 2.2 Integration with Hospital Systems APIs (Bonus)

2. extract the data from Excel File:

Input – data from excel file in db

Output – plot the data in the graphs [Data Visualization]

3. Report Generation

output.: Generating Reports Based on Ingested Data according to category.

5. NLP

- integrate the OPENAI API & BARD to this report.

Input – data from excel sheet

Output – feed the data to LLM and get the recommendations text

6. Conclusion

1. Introduction

The app is designed to handle data ingestion, visualization, and report generation.

2. Ingesting Data

2.1 Excel/CSV File Upload

Users can easily upload data files in Excel or CSV format using the app's intuitive interface. Follow these steps:

1. Log in to the Web App.

2. Navigate to the "Data Ingestion" section.

3. Click on the "Upload" button.

4. Select the desired Excel or CSV file.

5. Confirm and submit the upload.

2.2 Integration with Hospital Systems APIs (

For advanced users, the Web App offers the option to integrate with hospital systems APIs. This feature allows seamless data transfer from existing systems to the app. Contact the administrator for API integration details.

3. Data Visualization

3.1 Plotting Data on Graphs

The Web App provides a visual representation of ingested data over time. To plot data on graphs:

1. Navigate to the "Data Visualization" section.

2. Choose the desired data parameters.

3. Select the time range for visualization.

4. Click on the "Plot Graph" button.

4. Report Generation

4.1 Generating Reports Based on Ingested Data

Users can generate comprehensive reports based on the ingested data. Follow these steps:

1. Go to the "Report Generation" section.

2. Choose the data parameters for the report.

3. Select the time range for analysis.

4. Click on the "Generate Report" button.

5. The report with embedded graphs will be available for download.

5. NLP

5.1 Integrate with the openai api with In-House LLM .