

Project Design Phase-II

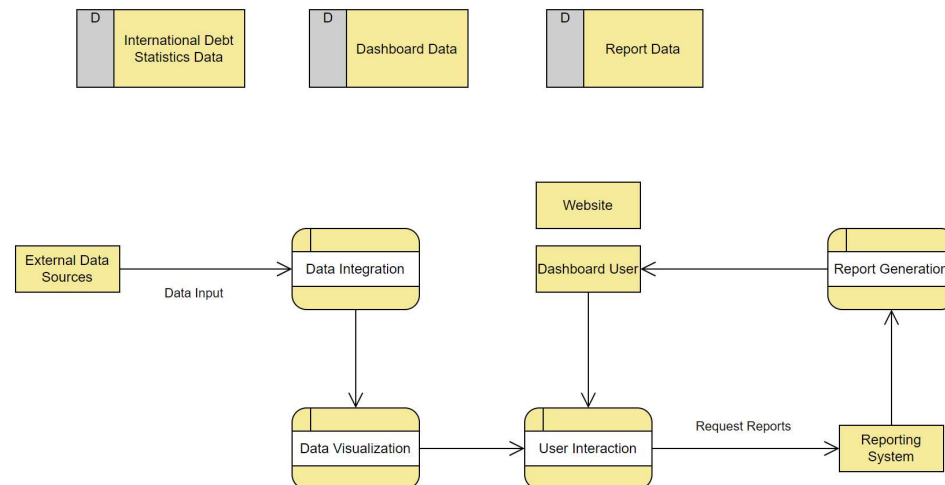
Data Flow Diagram & User Stories

Date	20-10-2023
Team ID	Team-591167
Project Name	International Debt Statistics
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Context Diagram (Level 0 DFD): International Debt Statistics System



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Data Analyst (Dashboard User)	Data Visualization	USN-1	As a data analyst, I can select from a variety of data visualizations to represent international debt statistics in the dashboard.	I can choose between bar charts, line charts, heat maps, scatter plots, and pie charts for effective data representation.	High	Sprint-1
Project Manager (Dashboard User)	Dashboard	USN-2	As a project manager, I can customize the dashboard layout to prioritize specific international debt statistics.	I can rearrange and resize visualizations to tailor the dashboard to my specific needs.	Medium	Sprint-3
Economist (Dashboard User)	Dashboard Interaction	USN-3	As an economist, I can apply interactive filters to the dashboard to drill down into specific international debt statistics.	I can filter data by country, region, or debt type to analyse specific aspects of the dataset.	High	Sprint-2
Researcher (Dashboard User)	Dashboard Interaction	USN-4	As a researcher, I can export the visualized international debt statistics data for further analysis and reporting.	I can download data in various formats (CSV, Excel) directly from the dashboard.	Medium	Sprint-3
General Website Visitor	Web Integration	USN-5	As a website visitor, I can easily access the international debt statistics dashboard integrated into the website.	I can navigate to the dashboard from the website's main menu or a designated link.	High	Sprint-2
Financial Analyst (Dashboard User)	Data Visualization and Reporting	USN-6	As a financial analyst, I can generate comprehensive reports based on the international debt statistics displayed in the dashboard.	I can specify report parameters, choose the data visualizations to include, and generate a downloadable report summarizing the selected data.	High	Sprint-4