Project Design Phase-II

Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team-591264
Project Name	Project - A comprehensive analysis of the IT sector salaries and roles
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.

source 1

source 2

source n

DATA COLLECTION

CLEAN DATA

normalize

software developers,data scientists,

salary

location

EXTRACT RELEVANT DATA

VISUALIZE AND ANALYZE DATA

STORING PROCCESSED DATA AND OUTPUTS

USER ASKS FOR REQUIRED JOB

OUTCOMES
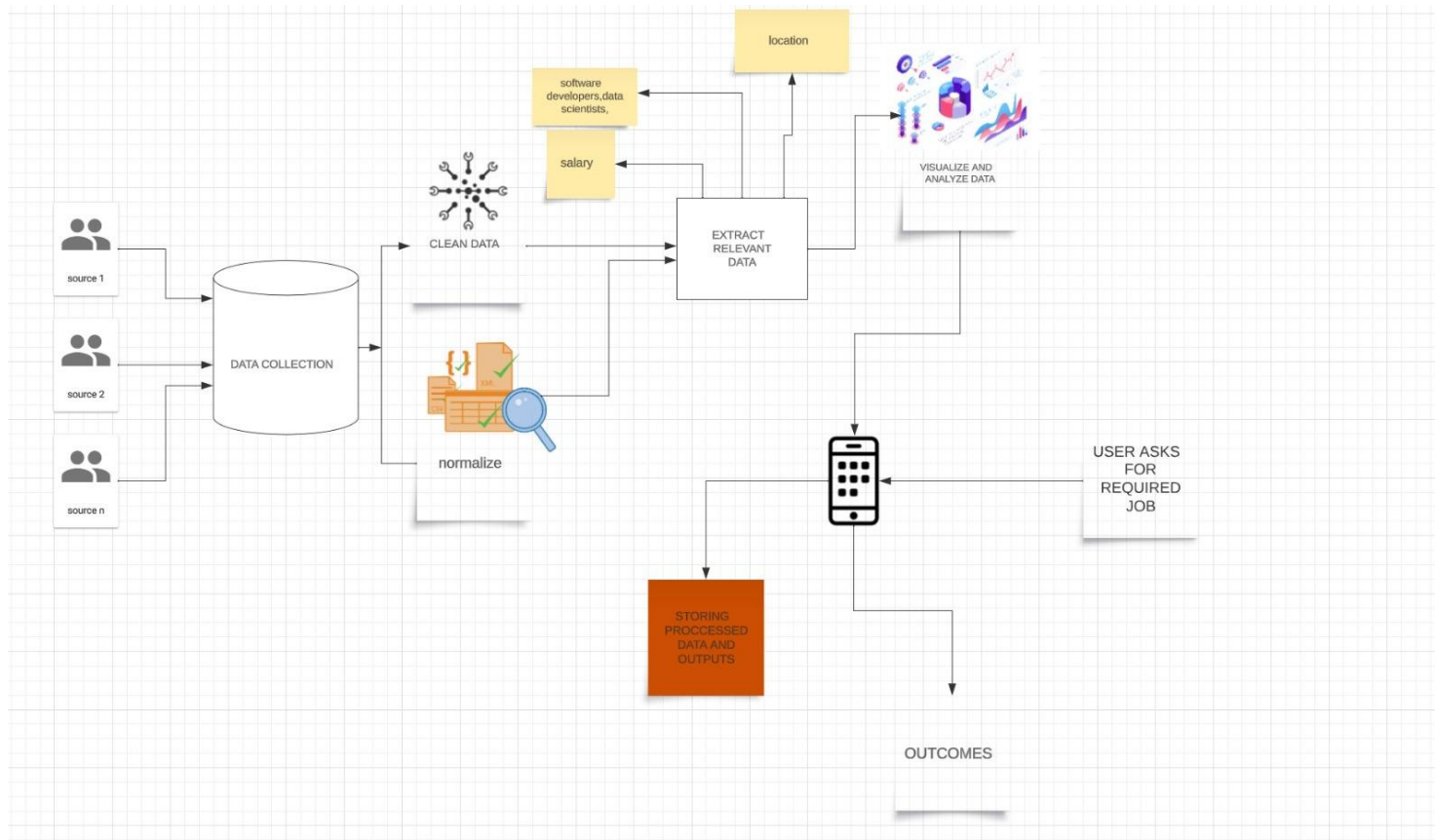
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Research Analyst	Upload and manage datasets	USN-1	As a research analyst, need to upload and analyze datasets, generate a well-structured analysis report, and have the ability to edit it before distributing to intended recipients.	Successful data upload and processing, accurate report generation, and an editing feature with version control	High	Sprint-1
Professional	Access to analysis repor	USN-2	As a professional, I want easy access to a user-friendly analysis report, the ability to explore specific roles and salaries, and the option to search for career-relevant information.	responsive user interface, intuitive navigation, and functional search and filtering mechanisms	Medium	Sprint-1
Job seeker	Easy to read summary of roles,salaray	USN-3	As a job seeker, I need access to an informative analysis report, clear summaries of roles, responsibilities, and salary data, and a search function for finding roles that match my interests and skills	user-friendly report format, accurate summaries, and a functional search feature	Medium	Sprint-2
Organizations	Request and recieve tailored reports	USN-4	As organizations, we require customized reports based on specific criteria, a format conducive to decision-making, and the ability to request and receive tailored reports about the IT job market.	system's capacity to generate customized reports according to defined criteria and reports delivered in a format that aids decision-making	High	Sprint-1

Educational institutions	Acess to reports on demand for specific it skills	USN-5	Educational institutions need access to reports detailing demand for specific IT roles and emerging trends, enabling them to tailor their programs and curricula effectively.	system providing data on current and emerging roles, trends, and qualifications, allowing educational institutions to make informed curriculum decisions	Medium	Sprint-1
Government or policy makers	Comprehensive reports on the economic impact of the IT sector	USN-6	Government and policy makers require comprehensive reports with data on the IT sector's economic impact to help formulate relevant policies and initiatives, aiding in better decision-making.	detailed reports with accurate economic impact data, aiding policy formulation and decision-making.	High	Sprit-2