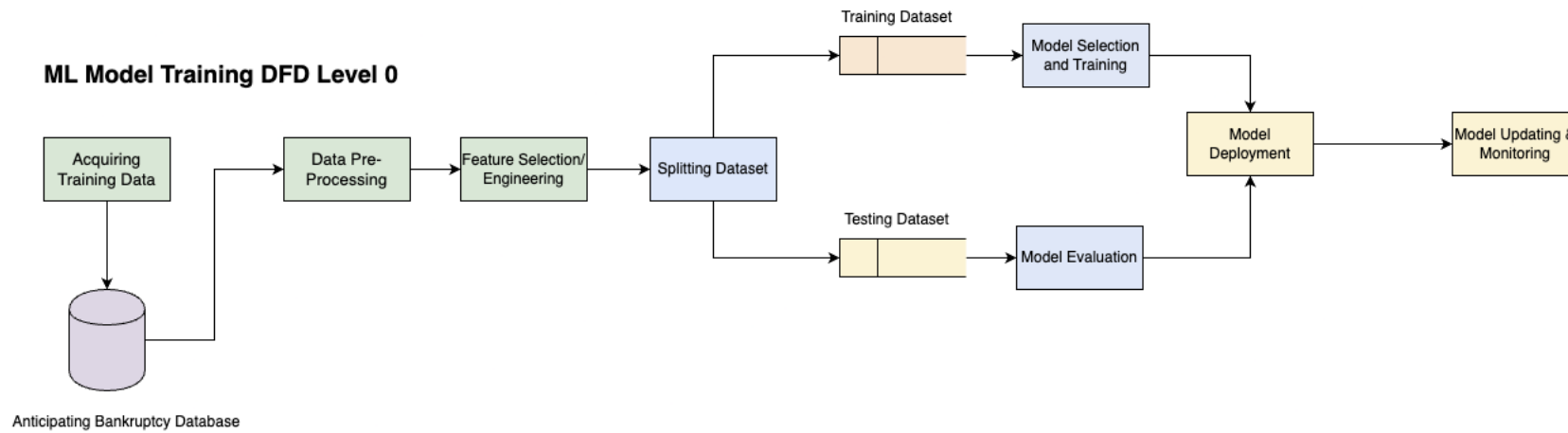
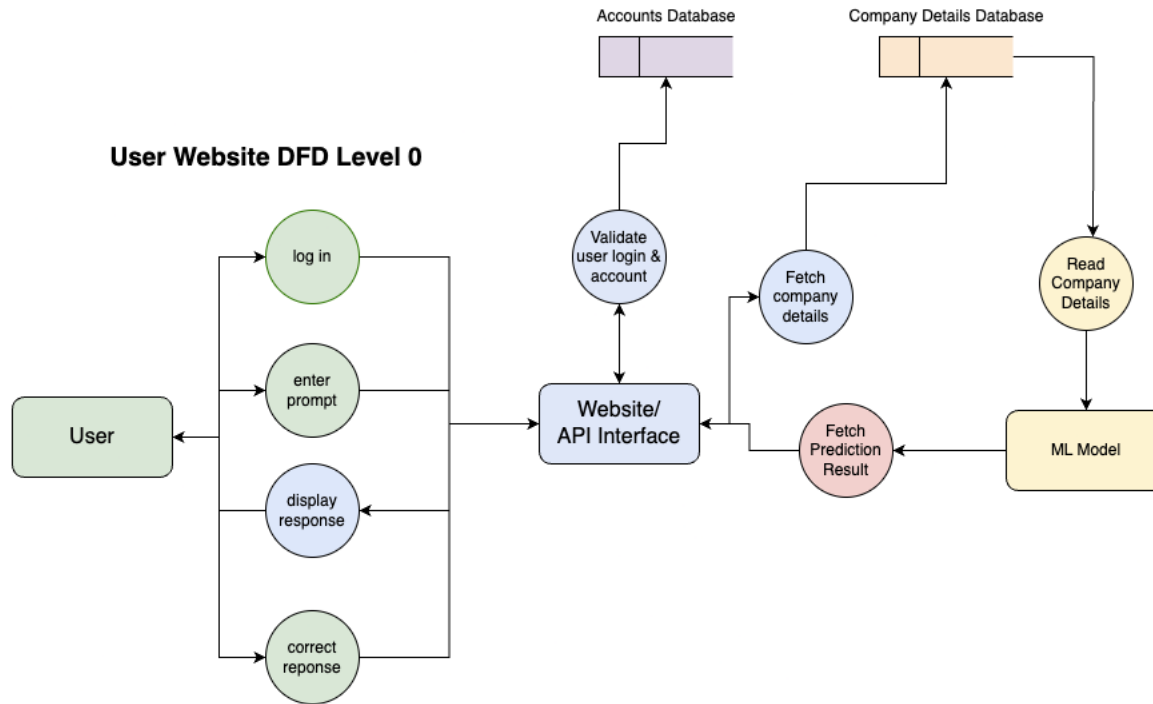


**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	03 October 2022
Team ID	PNT2022TMID592760
Project Name	Project – Anticipating Business Bankruptcy
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.



## User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Data Scientist	Data Gathering	USN-1	As a data scientist, I can collect a diverse set of financial data from various sources for training and testing the bankruptcy prediction model.	I can access and import financial data from multiple sources, ensuring data variety and relevance.	High	Sprint-1
Financial Analyst	Model Evaluation	USN-2	As a financial analyst, I can evaluate the model's performance using metrics like accuracy and precision to assess its predictive accuracy and reliability.	The model's performance is assessed, and metrics indicate its accuracy and precision, instilling confidence in its predictions	High	Sprint-3
Business Decision-Maker	Real-time Assessment	USN-3	As a business decision-maker, I can deploy the bankruptcy prediction model for real-time assessments of a company's financial health.	The model is successfully deployed for real-time assessments, offering automated insights into a company's financial health.	High	Sprint-3
	Periodic Updates	USN-4	As a business decision-maker, I can receive periodic updates on a company's financial condition and market prospects from the deployed model.	The model provides timely updates on a company's financial health and market prospects, facilitating informed decision-making.	High	Sprint-4
Regulatory Authority	Transparency and Compliance	USN-5	As a regulatory authority, I want the model to provide transparency in its decision-making process and ensure	The model adheres to ethical and legal standards, and its	High	Sprint-4

			compliance with ethical and legal standards for financial predictions.	decision-making process is transparent and auditable.		
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