Project Design Phase-II
Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team-592608
Project Name	ENVISIONING SUCCESS: Predicting University Scores Using Machine Learning
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.

Data Flow Diagrams:
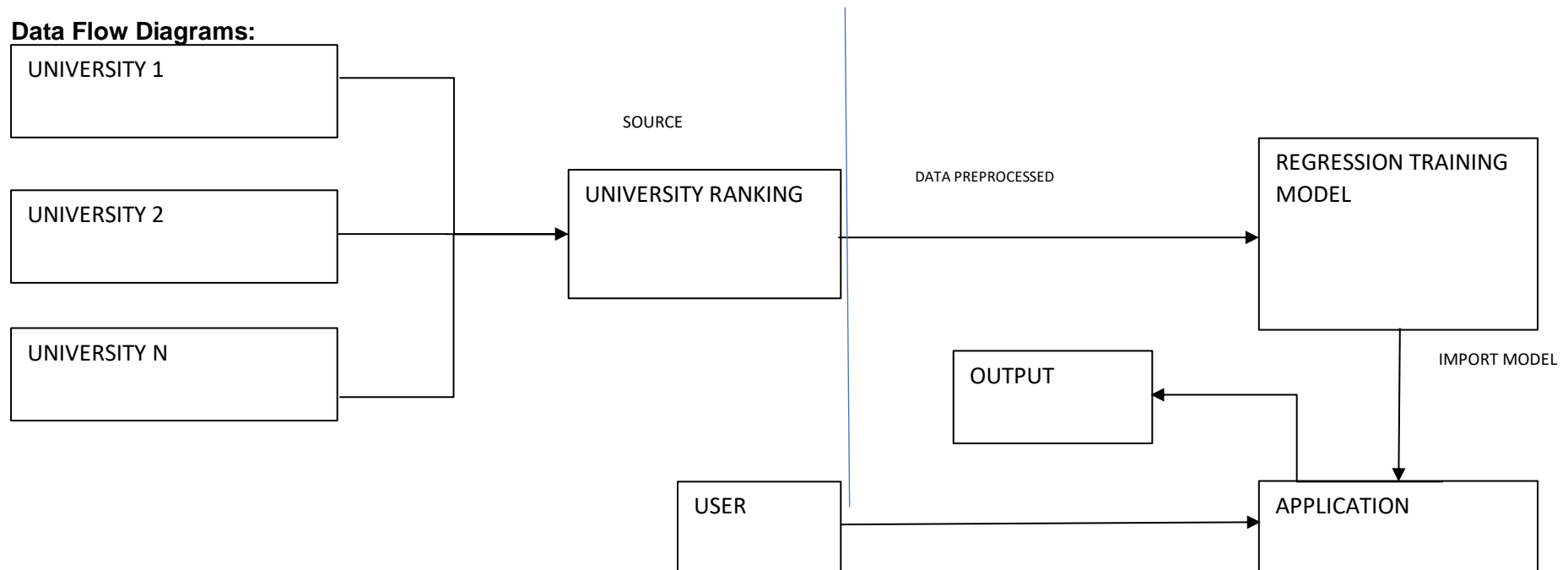
User Stories

List of all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Educational Institutions	Data Collection	USN-1	Gather a diverse dataset of different universities regarding different parameters that a university can be ranked with and factors that affect a university's standing.	Gathered a diverse and robust dataset	High	Sprint-1
	Data preprocessing	USN-2	Explore and evaluate different deep learning architectures to select the most suitable model for university score prediction .	Various methods and models can be explored	High	Sprint-1
App Administrator	Training	USN-3	train the selected deep learning model using the preprocessed dataset and monitor its performance on the validation set .	Validation of the training data can be done with regards to the testing data	High	Sprint-2
	model deployment & Integration	USN-4	deploy the trained deep learning model as an API or web service to make it accessible for predicting university scores and rankings.	Scalability and any improvements needed can be ascertained.	High	Sprint-2
Student (Web user)	University score	USN-5	End users who access the web application to get the university rankings	The web api is released	Medium	Sprint-3
Parents (Web User)	University score	USN-6	End users who access the web application to get the university rankings	The web api is released	Medium	Sprint-3