

Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	27 October 2023
Team ID	Team-592608
Project Name	ENVISIONING SUCCESS: Predicting University Scores Using Machine Learning
Maximum Marks	4 Marks

Technical Architecture:

The Deliverable shall include the architectural diagram as below and the information as per the table1 & table 2

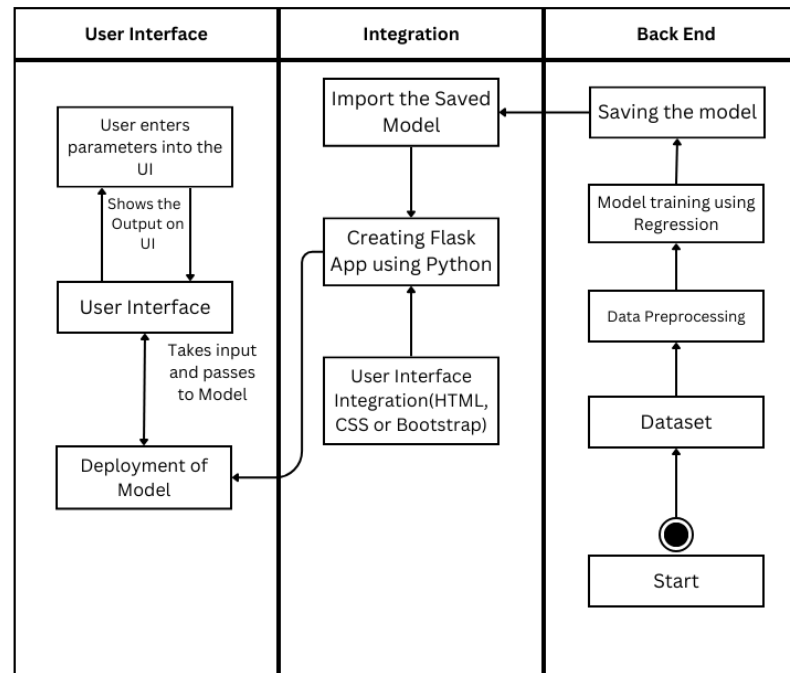


Table-1: Components & Technologies:

S.No	Component	Description	Technology
1	User Interface	How a user engages with an application, such as a web-based user interface.	HTML
2	Application Logic	The rationale behind a procedure within the application.	Python
3	Database	Gather the dataset that aligns with the specific problem at hand.	Kaggle, File manager
4	File Storage/ Data	File storage requirements for Storing the dataset	Local System
5	Frame Work	Utilized for the development of a web application by seamlessly merging the frontend and backend components.	Python Flask
6	Machine Learning Model	Purpose of model	Regression
7	Infrastructure (Server / Cloud)	Application Deployment on Local System	Local

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	List the open-source frameworks used	Python's Flask

References:

<https://medium.com/the-internal-startup/how-to-draw-useful-technical-architecture-diagrams-2d20c9fda90d>