Project Design Phase-I
Solution Architecture

Date	01 October 2022
Team ID	PNT2022TMID15562
Project Name	University Admit Eligibility Predictor
Maximum Marks	4 Marks

Solution Architecture:

- The student will enter his/her profile details using the user interface developed in shiny.

- The user interface code will interact with the KNN and Decision Tree models to provide the users with the required result.

- The KNN algorithm will be used to determine the chance of the student of securing admission in a particular university based on his/her profile.

- The Decision Tree algorithm will be used to determine the rank of college to which is most suitable for the student based on his/her profile and provide the student with the list of universities which fall in that rank.

- Once the models have been executed the result will be provided to the student as the output on the user interface.

Solution Architecture Diagram: