SolutionRequirements(Functional&Non-functional)

Date	30October2022
TeamID	PNT2022TMID39850
ProjectName	Project–UniversityAdmitEligibility Predictor
MaximumMarks	4Marks

FunctionalRequirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

FR No.	FunctionalRequirement (Epic)	SubRequirement(Story/Sub-Task)
FR-1	UserRegistration	RegistrationthroughFormRegistrationthroughGmail
FR-2	UserConfirmation	ConfirmationviaEmailConfirmation viaOTP
FR-3	UserDataCollection	ThefollowingdetailsofStudents'Scorearecollected:HSC SSLC CGPAiftheirPGApplicants.
FR-4	Evaluation	Using ML algorithms to analyse the dataentered by the students and testing thedeveloped MLmodelwiththe supplieddata.
FR-5	Prediction	Predictionis donebasedon theresultofevaluation, the List of Universities for whichthestudentsareeligibleto applywillbedisplayed.
FR-6	Output	Basedontheir eligibility,studentsmoveforwardwiththeadmissionsproceduretothepredicteduniversity andcourse.

Non-functionalRequirements:

Followingarethenon-functionalrequirementsoftheproposedsolution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	InteractiveandEffective UIVisualization ofProgressCustomerSatisfaction EaseofLearning
NFR-2	**Security**	FrequentUpdatesusingtheCustomers'feedback.AutomaticLogoutwhentheapp isnotinuse to preventunauthorizedaccesstotheuser'saccount.
NFR-3	**Reliability**	Thepredictorsystemwillbeconsistentinorder forthesystemtoproducetrustworthyandaccurate outcomes.

NFR-4	**Performance**	Aslogisticregressionisappliedtodevelop,performancewillbemoreeffective.
NFR-5	**Availability**	Userswillbeabletoaccessthesystempredictoratanytime,anyplace,asneeded.
NFR-6	**Scalability**	Itcanhandleanyamountofdataandperformmanycomputationsinacost-effectiveandtime-saving way.

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