ProjectDesign Phase-II
Solution Requirements (Functional & Non-functional)

Date	13October 2022
TeamID	PNT2022TMID42920
ProjectName	NaturalDisasterintensityanalysisandclassificationusingartificialintelligence
MaximumMarks	4Marks

FunctionalRequirements:

Followingarethefunctional requirementsoftheproposedsolution.

FRNo.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	**UserRegistration**	Registration through FormRegistrationthroughGmail RegistrationthroughLinkedINRegistrationthroughWebsite
FR-2	**UserConfirmation**	ConfirmationviaEmail Confirmation via OTPConfirmationviaMobileNumber
FR-3	**UserLogin**	LoginwithUsername Login with PasswordLoginwith Email
FR-4	**ProfileUpdate**	UpdatetheirContactdetails Update their experienceUpdatetheirAchievements
FR-5	**UploadingData**	Collect the Customer detailsCollect the Sales CountCollectthesales value This model helps to the predict the Profit/Loss count andfutureSales value
FR-6	**RatingsandReviews**	TheUserprovideusefulandconstructiveFeedback.Userwould feel freetogive theirreviews.

Non-functionalRequirements:

Followingarethenon-functionalrequirementsofthe proposedsolution.

FRNo.	Non-FunctionalRequirement	Description
NFR-1	**Usability**	Therearemore likelytohave enoughinventorytocaptureeverypossible Scale Whileavoidingoverstockand Minimizing expenses. This model can be supported onbothDesktop andMobile browser.
NFR-2	**Security**	Thesystemallowto accessclientdata , analyticsand reports to only Authorized user. The rights to add orcorrectdatamustberestrictedforindividualemployees.
NFR-3	**Reliability**	Thisapplicationwecanuseforlowlevel RAM.It donotconsumemore storage.

| NFR-4 | **Performance** | Thesystemmust be capableofhandling100 employee accountsand10000ordersper daywithout affectingitsperformance. |
| NFR-5 | **Availability** | The model is suitable for all kind of retail stores. It cangiveretailers real-timevisibilityintostocklevels,avoid stockouts,keepsinventorycarryingcostslowandhelp |

		meetcustomerexpectations.
NFR-6	**Scalability**	The system must support implementing new features andmoduleswithoutdisruptingexistingprocesses.Thesystem mustsupporthorizontalscalingforlaunchingnewretailstor eswith multiple POS.