

ProjectDesignPhase-II
SolutionRequirements(Functional&Non-functional)

Date	17October2022
Team ID	PNT2022TMID06689
ProjectName	Project - Natural Disaster Intensity Analysis andClassificationUsingArtificial Intelligence.
MaximumMarks	4 Marks

FunctionalRequirements:

Followingarethefunctionalrequirementsoftheproposedsolution.

FR No.	FunctionalRequirement(Epic)	SubRequirement(Story/Sub-Task)
FR-1	UserRegistration	Register through mobile application Callthegiven emergency number
FR-2	UserConfirmation	Confirmation via Call backConfirmationviaText
FR-3	UserPreparation	Ensure safety of all peopleSupply of cannedfood
FR-4	User evacuation	Waitingforevacuationteam Takerefugeeinnearestsafe location

Non-functionalRequirements:

Followingarethethe non-functional requirements of the proposed solution.

FR No.	Non-FunctionalRequirement	Description
NFR-1	Usability	Itis easyandquickmethodtopredictthedisasters.
NFR-2	Security	The secure pattern shares components with monitorandcontrol for loggingandcontrol accessandfor providingaudittrails.
NFR-3	Reliability	Itshouldbehighly reliable.
NFR-4	Performance	Itdealswiththemeasureofthesystem'sresponse time.
NFR-5	Availability	It can be available at the any time and we can accessduringany disasters.
NFR-6	Scalability	Disaster damages are measured involves examiningthenumberoffatalities,ofinjuries, ofpeople affected.