

ProjectDesignPhase-II

SolutionRequirements (Functional& Non-functional)

Date	18 October2022
TeamID	PNT2022TMID31325
ProjectName	Project-NEWS Tracker Application
MaximumMarks	4 Marks

FunctionalRequirements:

Followingare thefunctionalrequirementssoftheproposedsolution.

FRNo.	Functional Requirement(Epic)	SubRequirement(Story/ Sub-Task)
FR-1	UserRegistration	RegistrationthroughForm
FR-2	UserConfirmation	ConfirmationviaEmail
FR-3	UserLogin	LoginViaEmailID& Password
FR-4	HomePage	ShowstheNEWSHeadlines.

FR-5	TrackerPage	ShowstheNEWSelaborativelywhentheNEWSHeadlinoftheHomepageis clicked.

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Non-functionalRequirements: Followingarethenon-functionalrequirementssoftheproposedsolution.

FRNo.	Non-Functional Requirement	Description
NFR-1	Usability	OurWebsiteisused toReadNews andgainKnowledgeaccording touser's interest.
NFR-2	Security	User canonlylogin withtheirownEmailIDandpassword withouttheirEmailandpasswordnoonecanusetheApp.
NFR-3	Reliability	OurWebsitedeliversthereliablecontentonlyfromNEWS API.
NFR-4	Performance	ItisahighperformableAppwithfriendlyUserInterfaceandsharesl ot ofinformation withoutanyIssues.
NFR-5	Availability	OurWebsiteissupportedwithallsearchEnginesoitwillAvailfoUser at anytime.
NFR-6	Scalability	ThisWebsiteisbuiltwithhighdatastoragecapacity,processingpow erandnetworkingcanallbescaledusingcloudcomputing.Infrastructure scalingcanbedonequickly andeasily.

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