

ProjectDesignPhase-II
Solution Requirements (Functional & Non-functional)

Date	18October2022
TeamID	PNT2022TMID03558
ProjectName	Project - Emerging Methods for earlydetectionofforestfire
MaximumMarks	4 Marks

FunctionalRequirements:

Followingare thefunctionalrequirementssoftheproposedsolution.

FRNo.	Functional Requirement(Epic)	SubRequirement(Story/ Sub-Task)
FR-1	Videosurveillancestart	Startsurveillancethroughremotecontrol
FR-2	Forestmonitoring	Continuousmonitoringthroughcamera
FR-3	Detectfire	Fireis detectedthroughCNNmodel
FR-4	Alert	Alerttheforestofficialsthroughmessage

Non-functionalRequirements:

Followingarethennon-functionalrequirementssoftheproposedsolution.

FRNo.	Non-FunctionalRequirement	Description
NFR-1	Reliability	Modelis safetoinstall
NFR-2	Security	Moresecureenvironment
NFR-3	Availability	Buildmodelisavailableallthetime
NFR-4	Performance	Modelwillachievehigh accuracy