PROJECT DESIGN PHASE 2

SOLUTION REQUIREMENTS(FUNDCTIONAL AND NON FUNCTIONAL)

TEAM ID	PNT2022TMID03196
PROJECT NAME	PROJECT ESTIMATE THE CROP YIELD
MAXIMUM MARKS	4 MARKS

FUNCTIONAL REQUIREMENTS:

FollOwing are the functional requirements of the proposed solutions.

FR.NO	FUNCTIONAL REQUIREMENT(EPIC)	SUB REQUIREMENT(STORY/SUBTASK)
FR1	USER SIGNUP	REGISTRATION THROUGH GMAIL REGISTRATION THROUGH IBM
FR2	USER CONFIRMATION	CONFIRMATION VIA EMAIL CONFIRMATION VIA OTP
FR3	DATA COLLECTION	
FR4	DATA PROCESSING	DATA CLEANING ,REMOVAL OF NOISE ANDOBSOLETE DATA
FR5	VISUALIZATION TOOL	GRAPHICAL VISUALIZATION CHOICES

NON FUNCTIONAL REQUIREMENTS:

Following are the non functional requirements of the proposed solution.

FR.NO	NON FUNCTIONAL REQUIREMENT	DESCRIPTION
NFR1	USABILITY	EASE OF USAGE ALONG WITH EASE IN ACCESS OF TOOLS AND FEATURES
NFR2	SECURITY	ACCESS TO RESOURCES THROUGH TWO FACTOR AUTHENTICATOIN AND CREDENTIALS
NFR3	RELIABILITY	THERE SHOULD BE NO CREASHES OR LOSS OF DATA OR PROCESSES
NFR4	PERFORMANCE	HIGH SPEED RENDERING OF VISUALIZATION AND OTHER READILY AVAILABLE FEATURES
NFR5	AVAILABILITY	SHOULD BE AVAILABLE ON DEMAND