Project Design Phase-II
Functional Requirements
And
Nonfunctional Requirements

Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	**User Requirements**	River water Protection Monitors PH, Salinity, Turbidity, Conductivity and dissolve solvents and to analyse the quality of river water
FR-2	**User Registration**	Registration through Form Registration through Gmail Registration through LinkedIN Registration through website
FR-3	**User Confirmation**	Confirmation via Email Confirmation via OTP Confirmation via call
FR-4	**Product Feedback**	Through star rating Through Phone calls Through Google forms
FR-5	**User Authentication**	The credentials is accessible only to the authorized users to access the model.

Non-functional Requirements:

Following are the non-functional requirements of the proposed solution.

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Easier to apply Even an illiterate consumer ought to use the product without any difficulties.
NFR-2	**Security**	The model is designed in a secure manner to maintain privacy, and it is protected by two-step authorization. Username and password will be assigned based on the needs of the user.
NFR-3	**Reliability**	Even if there is a failures the last updated Data's are stored in a Default manner.
NFR-4	**Performance**	The software should have good user interface. It must have a minimum power requirement. It has to keep water and power.
NFR-5	**Availability**	The models are created in such a way that they are accessible, usable, and can be modified at any time. Data is available at any time.
NFR-6	**Scalability**	The product has to cover all the space of water body irrespective of the quantity of river water.