Project Design Phase-II

Functional Requirements (Functional & Non-functional)

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

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| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration Via Email Registration Via phone number |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP Create and store the data |
| FR-3 | Alarm system | Monitor and detect the drowning person Alert the lifeguard by trigger the alarm |
| FR-4 | Output | Visual representation Image detection Report generation |

* The system must allow users to log into their account by entering their email and password.
* The system must allow users to log in with their Google accounts.
* The system must allow users to reset their password by clicking on "I forgot my password" and receiving a link to their verified email address.