**Project Design Phase-II**

**Solution Requirements (Functional & Non-functional)**

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| Date | 09-05-2023 |
| Team ID | NM2023TMID13772 |
| Project Name | Advanced breast cancer prediction with deep learning |
| Maximum Marks | 4 Marks |

**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 through Form  Registration through Gmail  Registration through Linked |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Completion the profile | Fill the name  Fill the age  Fill the gender  Fill the type of breast cancer |
| FR-4 | Continue with | 5 image detection free trial continue with membership |
| FR-5 | Upload the images to affected of breast cancer | Upload the images of breast cancer to our app |
| FR-6 | Image processing | Ai is detect and identify the problem of breast cancer with in few minutes |
| FR-7 | Report | Free version of report  Disease name  Details about disease |

**Non-functional Requirements:**

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

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| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | Available in all languages around in India |
| NFR-2 | **Security** | User data bases are encrypted in our own data |
| NFR-3 | **Reliability** | Frequently gives update to resolve the bug in our |
| NFR-4 | **Performance** | User can access the App whenever internet speed is low |
| NFR-5 | **Availability** | We can fulfil the requirements of user experience |
| NFR-6 | **Scalability** | Our app traffic limit must be 500000 users at a time |