**Project Design Phase-II**

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

|  |  |
| --- | --- |
| Date | 08 October 2022 |
| Team ID | PNT2022TMID44103 |
| Project Name | Real-Time Communication System Powered By AI For Specially Abled |
| Maximum Marks | 4 Marks |

**Functional Requirements:**

Following are the functional requirements of the proposed solution.

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Functional Requirement (Epic)** | **Sub Requirement (Story / Sub-Task)** |
| FR-1 | User Registration | Registration through Form  Registration through Gmail  Registration through LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | Making Payments | Payment via Bank Transfer  Payment via UPI |
| FR-4 | Capturing Image | Capturing the image of the fruit via capture option |
| FR-5 | Retake Image | Retake the image if image is not clear using retake  option |
| FR-6 | Upload image | Uploading image via upload button |

**Non-functional Requirements:**

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

|  |  |  |
| --- | --- | --- |
| **FR No.** | **Non-Functional Requirement** | **Description** |
| NFR-1 | **Usability** | The app or website is very simple for the user.  English is used in the app. So people all over the  world can use. Even uneducated people can use this  app by seeing the interface. |
| NFR-2 | **Security** | The data given to the app or website while  registering is secured. No unauthorized user can  access the data. |
| NFR-3 | **Reliability** | The application is more reliable because user can  retake the image if the image is not clear. |
| NFR-4 | **Performance** | The app is very fast because there are no avoidable  steps. |
| NFR-5 | **Availability** | The application is highly available because of good  backend service |
| NFR-6 | **Scalability** | This website is highly available for small scale as well  as large scale |