**Project Design Phase-II**

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

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| --- | --- |
| Date | 15 October 2022 |
| Team ID | PNT2022TMIDxxxxxx |
| Project Name | Project - xxx |
| 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 LinkedIN |
| FR-2 | User Confirmation | Confirmation via Email  Confirmation via OTP |
| FR-3 | User Mandatory | They are not mandatory  But Desirable |
| FR-4 | User Product | Product works  Describe how the Product |
|  |  |  |
|  |  |  |

**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**  **How easy is it for a customer to use the system?** | usability is yet another classical nonfunctional requirement that addresses.the error rate of users submitting their payment details at the checkout page musn't exceed 10 percent. |
| NFR-2 | **Security**  **How well are the system and its data protected aganist attacks?** | security is a non functional requirement assuring all data inside the system or its part will be protected aganist malware attacks or unauthorized access. |
| NFR-3 | **Reliability**  **How often does the sysem experince critical failures?** | For instance, if the system has system has 85 percent reiliability for a month, this means that during this month, under normal usage conditions, there's an 85 percent chance that the system won't experience critical failure. |
| NFR-4 | **Performance**  **How fast does the system return results?** | define how fast a software system particular piece of its responds to certain user's actions under a certain workload. |
| NFR-5 | **Availability**  **And how is user availability time compared to downtime ?** | describe how likely the system is accesible to user at a given point in time. define it as a percentage of time the system is accessible for operation during some time period. |
| NFR-6 | **Scalability**  **How much will this peformance change with higher workloads?** | assesses the highest workloads under which the system will the system will still meet the performance requirements. |