**Project Design Phase-II**

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

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| Date | 18/07/ 2025 |
| Team ID | LTVIP2025TMID55879 |
| Project Name | Docspot seamless appointment booking for health |
| 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 | Payment successsfull | User payment successfull |

**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** | The system should provide ana intuitive and user friendly interfacefor all types of users including patients,doctors and admins |
| NFR-2 | **Security** | All sensitive patient data must be encrypted and comply with healthcare privacy regulations |
| NFR-3 | **Reliability** | The system must ensure consistent performance with minimal downtime booking cancellationsand confirmations. |
| NFR-4 | **Performance** | The application should respond to user actions wihitn 2 seconds,even under high load wihtoutany lag |
| NFR-5 | **Availability** | The system should be available 24/7,with a minimum uptime of 99.9%to support bookings at any time |
| NFR-6 | **Scalability** | The platfoem should be scalable to support a growing number odf users,doctors,and appointments . |