**Project Design Phase-II**

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

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| Date | 23 June 2025 |
| Team ID | LTVIP2025TMID52444 |
| 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 |  |  |
| FR-4 |  |  |
|  |  |  |
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**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** | UsabilitySimple, user-friendly UI with easy steps for booking an appointment in less than 3 clicks. |
| NFR-2 | **Security** | Security All user data, medical details, and login credentials must be encrypted and secured with secure APIs and two-factor authentication. |
| NFR-3 | **Reliability** | Reliability The app should work without failure. Bookings and notifications must never fail |
| NFR-4 | **Performance** | Performance The app must load doctor lists and confirm bookings within 2 seconds even during busy hours. |
| NFR-5 | **Availability** | Scalability Should support thousands of patients and doctors booking at the same time without slowing down. |
| NFR-6 | **Scalability** | Availability Should provide 99.9% uptime ensuring users can book appointments anytime. |