Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	31 January 2025
Team ID	PNT2025TMID01602
Project Name	SmartResume Generator
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	Resume Creation	Input user details (skills, experience, education) Select resume template AI-based keyword optimization
FR-4	Resume Customization	Tailor resume for specific job roles Add/remove sections (e.g., skills, projects) Edit content with real-time suggestions
FR-5	Resume Export	Download resume as PDF Download resume as DOCX Share resume via email or link
FR-6	User Dashboard	View saved resumes Edit or update existing resumes Track resume performance (e.g., ATS score)

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should have an intuitive, user-friendly interface with clear instructions and minimal learning curve.
NFR-2	**Security**	User data (e.g., resumes, personal information) must be encrypted and stored securely. Implement authentication (e.g., OTP, email verification) to prevent unauthorized access.
NFR-3	**Reliability**	The system should function without crashes or errors, ensuring users can create and download resumes reliably.
NFR-4	**Performance**	Resume generation and customization should be completed within 5 seconds, even during peak usage.

| NFR-5 | **Availability** | The system should have 99.9% uptime, ensuring it is accessible to users at all times. |
| NFR-6 | **Scalability** | The system should handle up to 10,000 concurrent users and scale seamlessly as the user base grows. |