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

Date	31 January 2025
Team ID	SmartResume Generator: Customized Resumes for Every Opportunity
Project Name	
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 Input Collection	Collect personal details (name, contact).
		Collect education qualifications and work experience.
		Allow users to provide custom prompts for tailored resume content.
FR-2	Resume Content Generation	Use generative AI to process user inputs and create structured text.
		Ensure AI models adapt templates based on user preferences.
FR-3	Template Customization	Provide multiple pre-designed templates for users to choose from.
		Enable real-time customization of resume fields.
FR-4	Downloadable Resumes	Offer download options in PDF and DOCX formats.
FR-5	Error Handling	Display user-friendly error messages for incomplete fields or invalid inputs.

Non-functional Requirements:

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

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	Ensure an intuitive and user-friendly interface to simplify the resume creation process.
NFR-2	Security	Use environment variables to protect sensitive API keys and secure user inputs.
NFR-3	Reliability	Guarantee accurate and consistent resume generation under all valid user inputs.
NFR-4	Performance	Generate resumes within 5 seconds on average for optimal user experience.
NFR-5	Availability	Ensure the application is accessible 24/7 with minimal downtime.
NFR-6	Scalability	Handle concurrent users effectively to ensure performance doesn't degrade under high traffic.