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

Date	19 May 2023
Team ID	NM2023TMID11053
Project Name	**The Path to Prosperity: A Comprehensive Analysis of Financial Independence based on Data taken from Reddit**

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	Create profile	User give details and store the details into DB2
FR-4	Display Dashboard	A comprehensive analysis of using financial Independence data is displayed

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	Usability refers to the ease of use and user-friendliness of a system or software application. It involves the design and layout of the user interface, the intuitiveness of interactions, and the overall user experience.
NFR-2	**Security**	Security is a critical aspect of any system or software application. This includes encryption, authentication mechanisms, access controls, secure coding practices, and regular security audits.
NFR-3	**Reliability**	Reliability refers to the ability of a system or software application to perform its intended functions consistently and predictably, without failures or errors. A reliable system operates as expected under normal conditions and can handle unexpected situations gracefully.
NFR-4	**Performance**	Performance relates to the speed, efficiency, and responsiveness of a system or software application. Performance optimization techniques are employed to enhance speed, reduce latency, and improve resource utilization.
NFR-5	**Availability**	Availability refers to the accessibility and uptime of a system or software application. It involves ensuring that the system is operational and accessible to users when

		they need it.
NFR-6	**Scalability**	Scalability refers to the ability of a system or software application to handle increased workload and accommodate growth Techniques like horizontal scaling, vertical scaling, and distributed architectures are employed to achieve scalability.