

Requirements Analysis [Functional & Non-functional]

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Project Name	Project Management Tool
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Functional Requirements:

Following are the functional requirements of the proposed solution.

FR No.	Functional	Sub-Requirement [Story / Sub-Task] Requirement [Epic]
FR-1	User Registration	Registration via form or email ID and password creation
FR-2	User Login	Using the registered email ID and password as login credentials
FR-3	User Password Reset	Resetting the password by sending reset link to the registered mail id
FR-4	Start a new project	Creating a project with title and description and searching and adding collaborators for the same
FR-5	Project Dashboard	Viewing the project progress and teammates task progress
FR-6	Task Management	Add, Remove, Achieve the tasks assigned
FR-7	Visualization	Visualizing the user-specific data in different forms, having Kanban boards, Estimated time, Progress etc..
FR-8	Role Definition	Different roles for people in the same team
FR-9	Redirecting to links	Open references and files related to that project

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	<ul style="list-style-type: none">• The system should administer a quality attribute that assesses how easy <i>user interfaces</i> are to use• The system doesn't expect any technical pre - requisites from the user's side
NFR-2	Security	<ul style="list-style-type: none">• User details and login credentials should be safe and secure• The confirmation of a valid user is required for authentication
NFR-3	Reliability	<ul style="list-style-type: none">• Portable and cross-platform independent• The application should be subjected to an experiment, test, or measuring procedure that yields the same results on repeated trials• Easy to use and flexible
NFR-4	Performance	<ul style="list-style-type: none">• The system should handle the traffic efficiently and service requests while consuming less bandwidth• The accuracy of the result of a measurement, calculation, or specification should be dependent the datasets• The page should not take a lot of time to load the contents and display them
NFR-5	Availability	<ul style="list-style-type: none">• The version of the application should be available even at the time of maintenance and updating• The system should run 24 hours a day, 7 days a week [24/7 available]
NFR-6	Scalability	<ul style="list-style-type: none">• The application should be in the way of adding new functionalities or modules without affecting the existing functionalities• The system should be able to manage numerous users at a time and be less prone to errors