

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

Date	15 October 2022
Team ID	PNT2022TMID32527
Project Name	Flight Delay Prediction
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
FR-2	User Confirmation	Confirmation via Email Confirmation via OTP
FR-3	Log In	<ul style="list-style-type: none">Log in with give user credentials
FR-4	Support	<ul style="list-style-type: none">Support option provided for queries and contact customer support team
FR-5	Prediction of delay	<ul style="list-style-type: none">Requesting for prediction by providing details of flightShows prediction results
FR-6	Trust ability of prediction	<ul style="list-style-type: none">Gives the confidence percentage about their prediction
FR-7	Notify User	<ul style="list-style-type: none">Notify user with the prediction, if they wishNotify user about flight arrival before 1 hour
FR-8	Get Feedback	<ul style="list-style-type: none">Get feedback about their experienceRequest give rating
FR-9	Log Out	<ul style="list-style-type: none">Log out from the application

Non-functional Requirements:

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

FR No.	Non-Functional Requirement	Description
NFR-1	Usability	Web app is provided with smooth and user-friendly GUI.
NFR-2	Security	Data security of user is ensured with IBM Cloud security, login with your secured login credentials .
NFR-3	Reliability	This web app have reliability by deploying in IBM Watson.
NFR-4	Performance	50 request per second is handled.
NFR-5	Availability	99% avail with the help of IBM Cloud.
NFR-6	Scalability	It had high scalability by having ability to extend there computational resource when request came.