

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

Date	08May 2023
Team ID	NM2023TMID04624
Project Name	Cognitive Care : Early Intervention for Alzheimer's Disease

FUNCTIONAL REQUIREMENTS:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
1	User Registration	Registration through Phone number Registration through Gmail
2	User Confirmation	Confirmation via Email Confirmation via OTP
3	User Interface	Create your profile and get sign in
4	User Input	Upload the dataset Upload the image as jpeg/png format
5	Data Processing	Evaluate the model using test dataset Train the dataset by DI algorithm Use Keras and Tensorflow for the accurate result of the trained CNN model
6	Report Generation	The final report of Alzheimer's disease for the given data set is displayed

NON-FUNCTIONAL REQUIREMENTS:

FR No.	Non-Functional Requirement	Description
1	Usability	<ul style="list-style-type: none">✓ Only authorized doctors could access the portal.✓ The doctors could access a specific details of a patient by entering the patient serial number.
2	Security	<ul style="list-style-type: none">✓ The data can be accessed only by authorized people .
3	Reliability	<ul style="list-style-type: none">✓ By the usage of efficient algorithm, early intervention of Alzheimers disease in patient is displayed successfully.
4	Performance	<ul style="list-style-type: none">✓ Greater accuracy in result.
5	Availability	<ul style="list-style-type: none">✓ It only available for authorized doctors.