

Project Design Phase-I

Date	23 rd of October, 2023
Team ID	Dhanush
Project Name	Alzheimers detection
Maximum marks	2 Marks

S.No.	Parameter	Description
1.	Problem Statement	Build and train a model to predict whether a said patient has Alzheimer's or not
2.	Idea	<ul style="list-style-type: none">• Gather Data and preprocess it• Build a CNN and train the model• Optimise the model• Save the weights• Build a UI to interact with the model
3.	Uniqueness	This is not that big of a unique idea but uniqueness can be found in optimization, processing of our data, handling null, nan values etc. Uniqueness can be found in how we created/trained our model rather than our idea, since this project has been done before many times.
4.	Social impact	This is mostly useful in medical industry especially Alzheimer's patients.
5.	Business model	People can profit off from this model by making it as subscription-based service and distributing it to the hospitals and other health monitoring services
6	Scalability of the solution	This project can be scaled with other projects by using saved weights file (model.h5) after training our model.