Project Design Phase-I
Solution Architecture

Date	1 November 2023
Team ID	Team-592170
Project Name	Alzheimer Disease Prediction
Maximum Marks	4 Marks

Solution Architecture:

Data collection of the people with alzehimers is collected of very well analyzed brain images and other details of the patients with and without alzheimer's, data pre-processing of the images and handling the missing values. We extract the required features of the dataset and other features to enhance the models performance, we set the appropriate evaluation metrics such accuracy, precision, and recall and F-1 score to assess the models performance. We apply the required Deep learning and machine learning techniques for the available cleaned data.

The detection of Alzheimer's disease involves the following steps:

- Data Collection
- Data(Image) Preprocessing
- Splitting the Dataset
- Model Building/Selection
- Model Evaluation
- Predicting the stages of Alzheimer's disease

Solution Architecture Diagram: