**Project Design Phase-I**

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| Date | 23rd of October, 2023 |
| Team ID |  |
| Project Name |  |
| Maximum marks | 2 Marks |

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| **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 | * 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. |