

Project Design Phase-I

Proposed Solution

Date	06 November 2023
Team ID	Team-612000
Project Name	Mental Health Prediction using machine learning
Maximum Marks	2 Marks

Proposed Solution

S.No	Parameter	Description
1	Problem Statement(Problem to be Solved)	Develop a model for the automated classification of mental health prediction into distinct diagnostic categories, aiming to improve the efficiency and accuracy of system.
2	Idea/Solution Description	<p>Develop a Machine Learning model for the classification of collected data into different diagnostic categories.</p> <p>Using Random Forest as the base classifier</p>
3	Novelty/Uniqueness	Provide the dataset of the collected data of distinct people
4	Social Impact/Customer Satisfaction	The percentage for incorrect treatment is quite less when

		<p>compared with other existing classification methods.</p> <p>Speedy and precise results</p>
5	Business Model(Revenue Model)	Collaboration with Health care and mental health of people
6	Scalability of the Solution	Proposed solution is platform independent and can easily be integrated with any cloud based solution to scale at any order.