**Project Design Phase-I**

**Proposed Solution Template**

|  |  |
| --- | --- |
| Date | 23 October 2023 |
| Team ID | Team-593053 |
| Project Name | Predicting Mental Health Illness Of Working Professionals Using Machine Learning |
| Maximum Marks | 2 Marks |

**Proposed Solution:**

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
| 1. | Problem Statement (Problem to be solved) | The problem we aim to address is the rising incidence of mental health issues among working professionals. The workplace can be a major source of stress and anxiety, often leading to burnout, depression, and decreased overall well-being. |
| 2. | Idea / Solution description | Our solution is a comprehensive machine learning-driven platform that predicts mental health issues among working professionals. It gathers data related to an individual's work life, personal life, and emotional well-being. Using advanced algorithms, it analyzes this data to predict the likelihood of mental health challenges. |
| 3. | Novelty / Uniqueness | What sets our solution apart is its holistic approach to predicting and addressing mental health issues in the workplace. The novelty lies in the combination of predictive analytics and proactive interventions. We integrate data from multiple sources, including sentiment analysis of text data, physiological indicators, and user-generated content. |
| 4. | Social Impact / Customer Satisfaction | The social impact of our solution is significant. By predicting mental health issues early and offering proactive measures, we contribute to a healthier, more balanced, and less stressful work environment. This directly translates to improved overall well-being for working professionals. We aim to reduce the stigma surrounding mental health, promote open conversations, and connect users to a supportive community. |
| 5. | Business Model (Revenue Model) | Our revenue model combines a subscription-based service for individuals and partnerships with corporations. We offer a freemium model with basic features accessible for free and premium features available through a subscription. Corporations can pay for access to the platform as an employee benefit, promoting a healthier workforce and reducing absenteeism. |
| 6. | Scalability of the Solution | The solution is designed to be highly scalable. It can accommodate a growing number of users by utilizing cloud services and distributed data processing. We are prepared for increased demand and have a robust infrastructure to ensure seamless service for both individual users and corporate clients. |