TECHNEON-2K25

| **Group No** | **PCU/PRO/CS/69** |
| --- | --- |
| **Project Title** | **Mental Health Survey Program** |
| **Project Domain** | Healthcare & Well-being, assessments and providing basic guidance based on user responses. |
| **Project Description** | This project is a simple C++ program that helps people check in on their mental health. It asks a few easy questions about mood, stress, sleep, and self-care. Based on the answers, it gives basic advice and saves the responses in a file (survey\_results.txt) for future reference.  How It Works:   1. The program asks questions about how you’ve been feeling. 2. You answer using a scale from 1 to 5 (1 = very low, 5 = very high). 3. It saves your answers so you can track changes over time. 4. The program gives simple tips to improve your well-being.   Why This is Useful:   1. Helps you understand your mental health. 2. Gives basic advice to feel better. 3. Saves your responses so you can track programs. |
| **Software Requirement (Frontend & Backend)** | **Backend (Logic & Data Storage):**  1.The program is built using C++ and handles data storage by saving survey responses in a text file called "survey\_results.txt".  2.It currently uses local file storage, but in the future, it can be upgraded to a database like MySQL for better data management.  3.Additionally, it could be expanded to work with other technologies like Python, JavaScript (Node.js), or cloud databases for web-based access. |
| **Programming Languages used** | C++, which is the primary programming language used in your Mental Health Survey program. |
| **Application Area:** | The Application Area for your project includes:   1. Mental Health Awareness – The survey collects and analyzes data related to stress, anxiety, sleep, and self-care habits. 2. Healthcare and Wellness – Can be used by healthcare providers, therapists, or wellness organizations to assess mental well-being. 3. Educational Institutions – Universities and schools can use it to monitor student mental health trends. 4. Workplace Well-being – Companies can integrate it into employee assistance programs (EAPs) to promote a healthy work environment. 5. Research and Data Analysis – The collected data can be analyzed for trends and insights into mental health patterns. |
| **Results/Input-Output Screenshot** |  |
| **Group Members**  (with Division) | 1.Arjun Phad  2.Balaram Nangi  3.Ajinkya Chavan  4.Ayush Mavle  5.Mangesh Bodke  6.Jayasurya |
| **Name of Mentors** | **1.** Amruta Sarudkar  **2.** |

**Name and Signature of Mentor Dr. R. G. Biradar**

**Head of Department, FY, SOET**