

2. Project Initialization and Planning Phase

Date	04 July 2024
Team ID	SWTID1720017249
Project Title	Panic Disorder Detection
Maximum Marks	3 Marks

2.4. Social and Business Impact

Social Impacts:

- 1. Improved Mental Health Diagnosis:** The panic disorder detection system can contribute to improved mental health diagnosis by providing accurate and timely identification of panic disorder. This can lead to early intervention and appropriate treatment, resulting in better outcomes for individuals suffering from panic disorder.
- 2. Increased Accessibility to Diagnosis:** By leveraging technology, the panic disorder detection system can potentially increase accessibility to diagnosis. It can be deployed in various healthcare settings, including remote or underserved areas, making it easier for individuals to access mental health assessments and receive appropriate care.
- 3. Reduced Stigma and Misdiagnosis:** Implementing an objective and reliable panic disorder detection system can help reduce stigma associated with mental health conditions. It can also minimize the risk of misdiagnosis, as the system relies on data-driven analysis rather than subjective judgment alone, promoting more accurate understanding and treatment of panic disorder.

Business Impacts:

- 1. Enhanced Diagnostic Efficiency:** The panic disorder detection system can improve the efficiency of mental health diagnosis within healthcare organizations. It can automate data collection and analysis processes, enabling mental health professionals to streamline their workflow and allocate more time for personalized patient care.
- 2. Cost Savings:** Timely diagnosis and intervention can prevent prolonged treatments, unnecessary hospitalizations, and complications, thereby reducing overall healthcare expenses.
- 3. Improved Treatment Planning:** The panic disorder detection system's insights and reports can aid mental health professionals in developing personalized treatment plans for individuals diagnosed with panic disorder. This can enhance treatment effectiveness, patient adherence, and long-term outcomes, ultimately benefiting the business by building a reputation for quality care.