Project Design Phase-II
Technology Stack (Architecture & Stack)

Date	05/12/2023
Team ID	Team-592216
Project Name	Brain Tumor Detection
Maximum Marks	10Marks

S.No	Component	Description	Technology
	Application Logic	Logic for a process in the application	Python

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
1.	Open-Source Frameworks	TensorFlow and PyTorch are widely used open-source frameworks for machine learning and deep learning. They provide tools for building and training neural networks, making them suitable for implementing brain tumor detection algorithms.	TensorFlow supports a high-level API for easy model development, while PyTorch offers dynamic computation graphs for flexibility.
2.	Security Implementations	Flask is a lightweight and easy-to-use web framework in Python, suitable for building the backend of the brain tumor detection system.	Flask facilitates the development of RESTful APIs, handling user authentication, and serving model predictions.