Project Design Phase
Proposed Solution

Date	21 October 2023
Team ID	593213
Project Name	Lymphography Classification using ML
Maximum Marks	2 Marks

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Lymphography, a diagnostic imaging technique for visualizing the lymphatic system, plays a crucial role in the assessment of lymphatic disorders and identification of potentially malignant lesions. However, accurate and timely classification of lymphography data into benign and malignant categories remains a challenging task for radiologists. The manual interpretation of these images is not only time-consuming but also prone to human error.
2.	Idea / Solution description	The "Lymphography Classification using Machine Learning" project aims to revolutionize the diagnosis of lymphatic disorders by leveraging state-of-the-art machine learning techniques. The solution consists of several key components working together seamlessly to provide accurate and efficient classification of lymphography data
3.	Novelty / Uniqueness	The "Lymphography Classification using Machine Learning" project stands out for its specialized focus, integration of advanced data processing, use of cutting-edge ML techniques, and its potential to significantly impact the field of lymphatic disorder diagnosis. This unique combination of features positions the project as a distinctive and innovative contribution to diagnostics.
4.	Social Impact / Customer Satisfaction	The project has the potential to bring about significant positive changes in healthcare delivery, patient outcomes, and the broader field of medical diagnostics. It represents a step towards more accurate and accessible diagnostics, with far-reaching implications for individuals affected by lymphatic disorders.
5.	Business Model (Revenue Model)	The primary focus lies in advancing and licensing technology. The comprehensive strategy is centred on prioritizing enhanced health and well-being.

6.	Scalability of the Solution	It possesses the capability to effectively handle larger datasets, and adjust to the changing requirements in the medical field. Moreover, it can seamlessly integrate with both current and forthcoming technologies, ensuring its efficacy as a scalable solution