Project Design Phase-I

Proposed Solution

Date	06 November 2023
Team ID	Team-591563
Project Name	Lymphography Classification using Machine Learning
Maximum Marks	2 Marks

Proposed Solution

S.No	Parameter	Description
1	Problem Statement(Problem to be Solved)	✓ Develop a model for the automated classification of lymphography data into distinct diagnostic categories, aiming to improve the efficiency and accuracy of lymphatic system disorder diagnosis.
2	Idea/Solution Description	✓ Develop a Machine Learning model for the classification of lymph based data into different diagnostic categories. ✓ Using Random Forest as the base classifier
3	Novelty/Uniqueness	✓ Although Image data is widely used in classifying lymph based diseases, a tabulated dataset with accurate cell information gives us a better diagnosis
4	Social Impact/Customer Satisfaction	✓ The percentage for incorrect diagnosis is quite less when

		compared with other existing classification methods.
		✓ Speedy and precise results
5	Business Model(Revenue Model)	✓ Collaboration with Health care and diagnostic centres
6	Scalability of the Solution	✓ Proposed solution is platform independent and can easily be integrated with any cloud based solution to scale at any order.