PROJECT DESIGN PHASE-I

SOLUTION FIT TEMPLATE

DATE	27 September 2022
TEAM ID	PNT2022TMID15553
PROJECT NAME	Statistical Machine Learning Approaches to Liver Disease
MAXIMUM MARK	2 Marks

Solution fit template

1. CUSTOMER SEGMENT(S)

Patients are the first customer for this application. This application identifies the patient is having liver disease or not.

5. AVAILAVABLE SOLUTIONS

People are judge the disease by identifying through the change of their body.

8. CHANNELS OF BEHAVIOUR

ONLINE:

Basic knowledge on the human body.

OFFLINE:

People try to identify the disease by the changes in the human body.

2.JOBS-TO-BE-DONE/ PROBLEMS

This application focuses on helping for the people who needs a clearance of having liver disease or not. Identifying the disease is one the biggest problem here.

6.CUSTOMER CONSTRAINTS

Availability of good networks. Required to have the reports to get an accurate prediction of disease is having or not.

9. Problem root cause

Liver disease can be inherited (genetic). Liver problems can also be caused by a variety of factors that damage the liver, such as viruses, alcohol use and obesity.

3.TRIGGERS

Seeing their body changes and some symptoms of being infected by disease

7. BEHAVIOUR

Directly:

People can easily identify the disease by the application, and they don't need any extra knowledge on the disease prediction.

Indirectly:

People can be able to get result through online immediately.

10. SOLUTION

Our application uses the reports and test results of the patient by identifying the disease and suggest the patient is having liver disease or not.

	4. EMOTIONS: BEFORE / AFTER Before: Fear, confusion and sadness After: anger, impatience, irritability and depression			