|  |  |
| --- | --- |
| **Date** | 30th jun 2025 |
| **Team ID** | LTVIP2025TMID38009 |
| **Project Name** | Revolutionizing Liver Care :  Predicting Liver Cirrhosis Using  Advanced Machine Learning  Techniques |
| **Maximum Marks** | 3 Marks |

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<style>

h1{

text-align: center;

text-decoration: line;

background-color: aqua;

}

body{

background-color: aliceblue;

}

</style>

</head>

<body>

<h1>Revolutionizing Liver care</h1>

<scrip>

<h2>Milestone1 Define problem/problem Understanding</h2>

<label for="activity">activity1:Specify The Diabetes Results</label>

<select id="activity1"name="activity1">

<option>Result:</option>

<option value=1>Alcohol Consumption</option>

<option value=9>smokeing</option> <option value->Liver Function Test Score</option>

</select>

<h2>Milestone2 Data Collection& Preparation</h2>

<label for="activity">activity1:

collect the data set

</label>

<select id="activity1"name="activity1">

<option>select</option>

<option value=1>Train ML models to detect liver disease early</option>

<option value=9>Tailor treatments based on patient profiles</option> <option value->Analyze trends in liver disease prevalence and risk factors</option>

</select>

<h2>Milestone 3: Exploratory Data Analysis</h2>

<label for="activity">activity1:Descriptive Statistical</label>

<select id="activity1"name="activity1">

<option>select</option>

<option value=1>Integrate with electronic health records for real-time alerts</option>

<option value=9>T</option>Create dashboards for clinicians using tools like Power BI or Streamlit<option value->Analyze trends in liver disease prevalence and risk factors</option>

</select>

<h2>Milestone 4: Model Building</h2>

<label for="activity">activity1:Training The Model in Multiple Algorithms </label>

<select id="activity1"name="activity1">

<option>select</option>

<option value=1>Handle missing values, encode categorical variables, normalize features</option>

<option value=9>T</option>Confusion matrix for visualizing performance<option value->Analyze trends in liver disease prevalence and risk factors</option>

<option value=9>T</option>Deploy via Flask, FastAPI, or Streamlit for real-time predictions</option>

</select>

<h2>Milestone 5: Performance Testing & Hyperparameter Tuning</h2>

<select id="activity1"name="activity1">

<option>select</option>

<option value=1>Integrate with electronic health records for real-time alerts</option>

<option value=9>T</option>Create dashboards for clinicians using tools like Power BI or Streamlit<option value->Analyze trends in liver disease prevalence and risk factors</option>

</select>

<br><br></br>

<button on click="cilckEvent()"> result</button>

<script>

function cilckEvent(){

console.log("user click on button")

}

</script>

</script>

</body>

</html>

# Revolutionizing Liver care

## Milestone1 Define problem/problem Understanding

activity1:Specify The Diabetes Results 

## Milestone2 Data Collection& Preparation

activity1: collect the data set 

## Milestone 3: Exploratory Data Analysis

activity1:Descriptive Statistical Create dashboards for clinicians using tools like Power BI or Streamlit 

## Milestone 4: Model Building

activity1:Training The Model in Multiple Algorithms Confusion matrix for visualizing performance Deploy via Flask, FastAPI, or Streamlit for real-time predictions 

## Milestone 5: Performance Testing & Hyperparameter Tuning

Create dashboards for clinicians using tools like Power BI or Streamlit   
  
  
result