

the submit button, and see the result/prediction on the web.

```
base) D:\TheSmartBridge\Projects\2. DrugClassification\Drug c
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a p
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Now, Go the web browser and write the localhost url (<http://127.0.0.1:5000>) to get the below result

**Liver Patient Analysis**[Home](#)[Goto Predict](#)

### Introduction

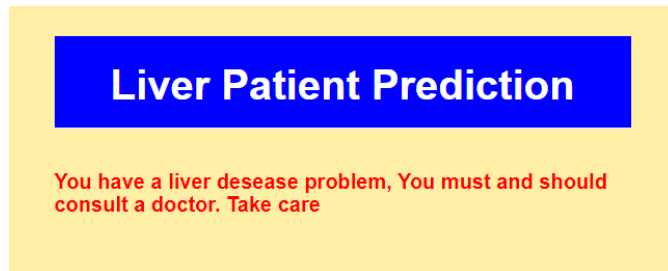
Liver diseases averts the normal function of the liver. Mainly due to the large amount of alcohol consumption liver disease arises. Early prediction of liver disease using classification algorithms is an efficacious task that can help the doctors to diagnose the disease within a short duration of time. Discovering the existence of liver disease at an early stage is a complex task for the doctors. The main objective of this paper is to analyse the parameters of various classification algorithms and compare their predictive accuracies so as to find out the best classifier for determining the liver disease. This paper focuses on the related works of various authors on liver disease such that algorithms were implemented using Weka tool that is a machine learning software written in Java. Various attributes that are essential in the prediction of liver disease were examined and the dataset of liver patients were also evaluated. This paper compares various classification algorithms such as Random Forest, Logistic Regression and Separation Algorithm with an aim to identify the best technique. Based on this study, Random Forest with the highest accuracy outperformed the other algorithms and can be further utilised in the prediction of liver diseaserecommended

Now, when you click Go to predict the button from the banner you will get redirected to the prediction page.

## Liver Patient Prediction

Age:	Gender:
<input type="text"/>	<input type="text" value="Enter 0 as male, 1 as female"/>
Total_Bilirubin:	Direct_Bilirubin:
<input type="text"/>	<input type="text"/>
Alkaline_Phosphotase:	Alamine_Aminotransferase:
<input type="text"/>	<input type="text"/>
Aspartate_Aminotransferase:	Total_Protiens:
<input type="text"/>	<input type="text"/>
Albumin:	Albumin_and_Globulin_Ratio:
<input type="text"/>	<input type="text"/>
<input type="button" value="Predict"/>	

Inputs- Now, the user will give inputs to get the predicted page after giving details user has to click on Predict Button to get the result.



### **Milestone 7: Project Demonstration & Documentation**

Below mentioned deliverables to be submitted along with other deliverables

**Activity 1:- Record explanation Video for project end to end solution**

**Activity 2:- Project Documentation-Step by step project development procedure**

Create document as per the template provided.