

Project Proposal

Name: Perumalla Litesh

Section :5502.021

Student ID: 11760885

Project Title: Liver Disorder Detection

Project Description:

The Liver Disorder Detection system is a healthcare solution to detect the early stages of the disfunction of the liver. This project is achieved using the existing patient data and using a machine learning model (Neural Network) . This project is implemented using python language and using libraries like pandas and sklearn. We can detect the early stage of the disfunction. The main reason for liver disfunction is consumption of Alcohol. The parameters used in this project are:

- **cv:** Mean corpuscular volume
- **alkphos:** Alkaline phosphotase
- **sgpt:** Alanine aminotransferase
- **sgot:** Aspartate aminotransferase
- **gammagt:** Gamma-glutamyl transpeptidase.

Using this parameters we can detect the possibility of the liver disorders.

Team Members:

1. **Perumalla Litesh - 11760885**
2. **Akash Chittimalla 11702452**
3. **Satish Gudapati 11747569**