

# Sri Lanka Institute of Information Technology

KidniFy - A Mobile based Chronic Kidney Disease Patient Care System
Using ML and IoT

2023-032

**STATUS DOCUMENT - I** 

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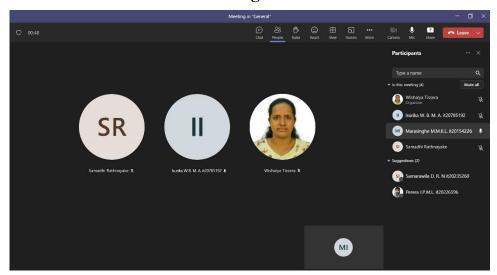
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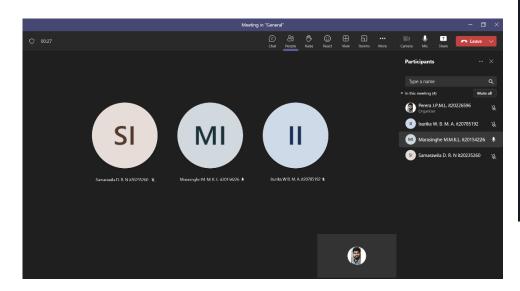
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## 1 Teams Meeting

## 1.1 Screenshots of Meetings & Calls







# 1.2 Meeting with the domain expert

Meeting with Consultant Nephrologist Dr. Pramil Rajakrishnan

Αt



Kurunegala Teaching Hospital - Kidney dialysis Unit | 2023.04.29



Meet the Ward Master Kidney Dialysis Unit

of

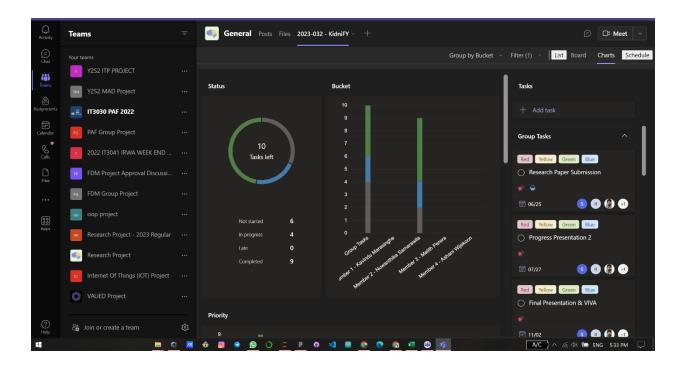
At Anuradhapura Teaching Hospital | 2023.05.01





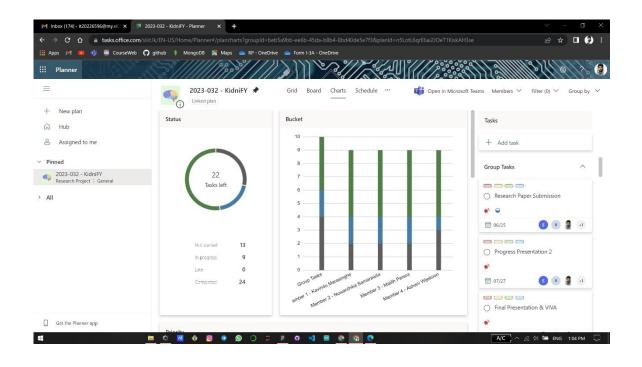
# 2 Screenshots of the Tasks by Planner

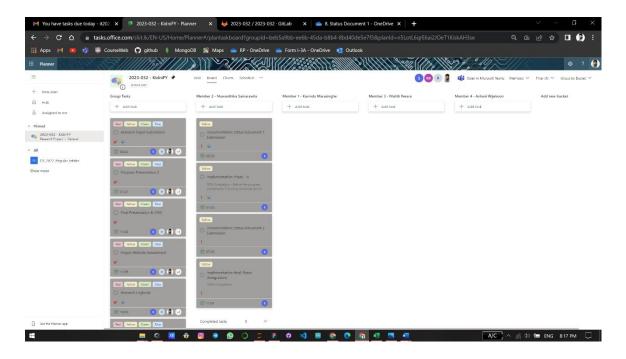
## 2.1 Chart Overview

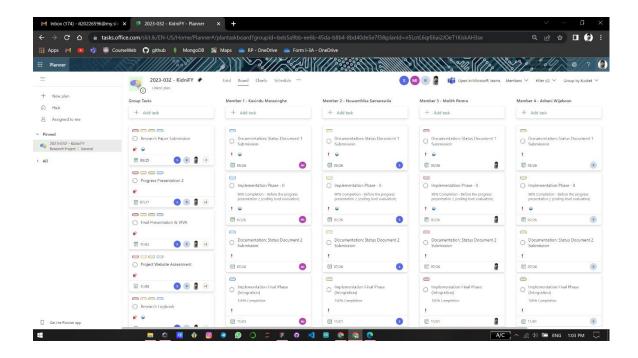


- To Do
- In Progress
- Completed

### 2.2 Bucket List

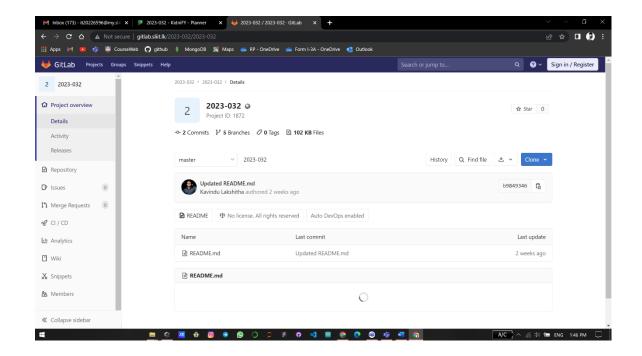




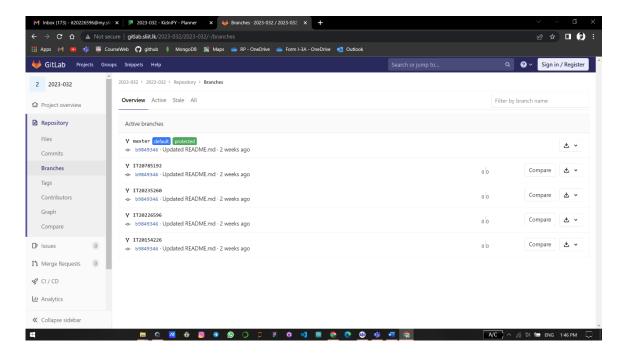


### 2.3 Screenshots of GitLab

Repository in GitLab



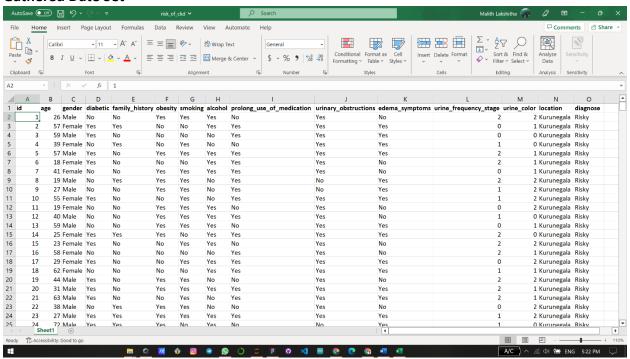
### Create GitLab Branches & Starting Implementations



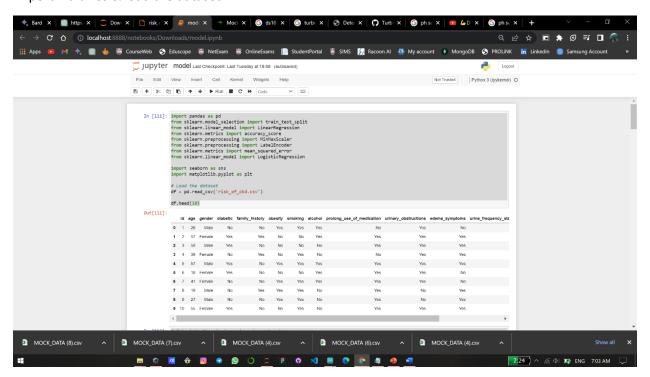
## 3 Project Implementation

## Predictive analysis for risks of having a kidney disease.

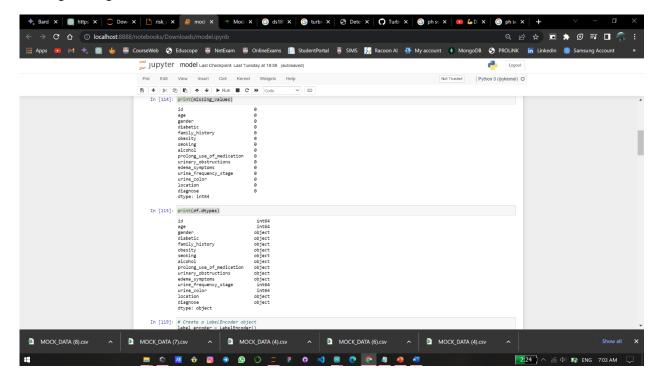
#### **Gathered Date Set**



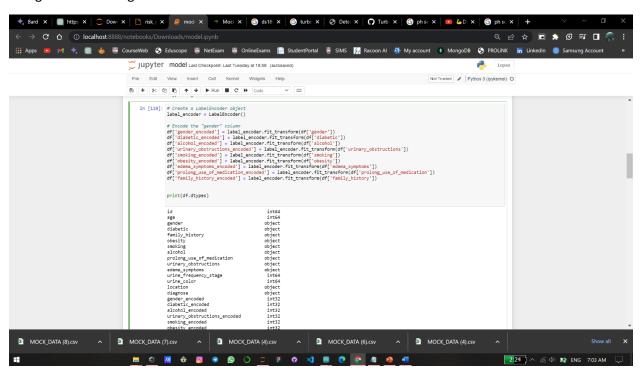
Import Libraries & load the dataset.



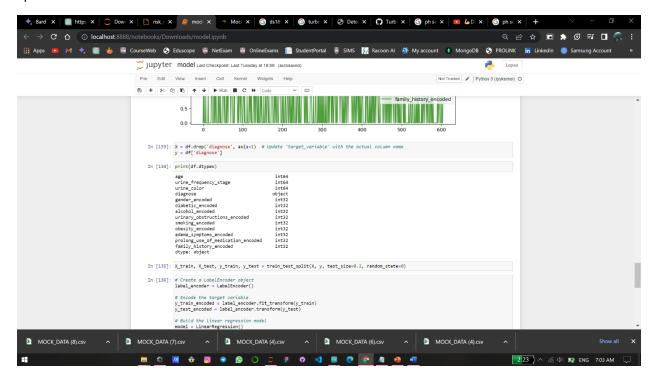
### Checking missing values



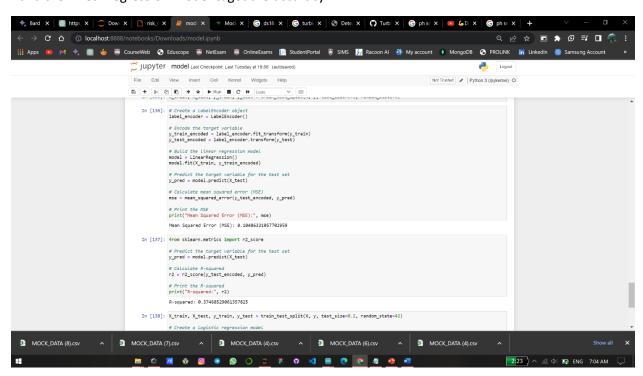
### **Using Label Encoding**



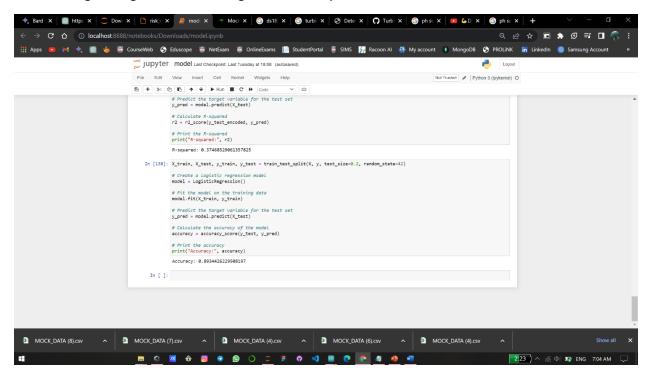
#### Split the Dataset.



Build the Linear regression Model & get the accuracy.



Build the Logistic regression Model & get the accuracy.



## 4 Gantt Chart



- Completed

- In Progress

## 5 Work Breakdown Structure

