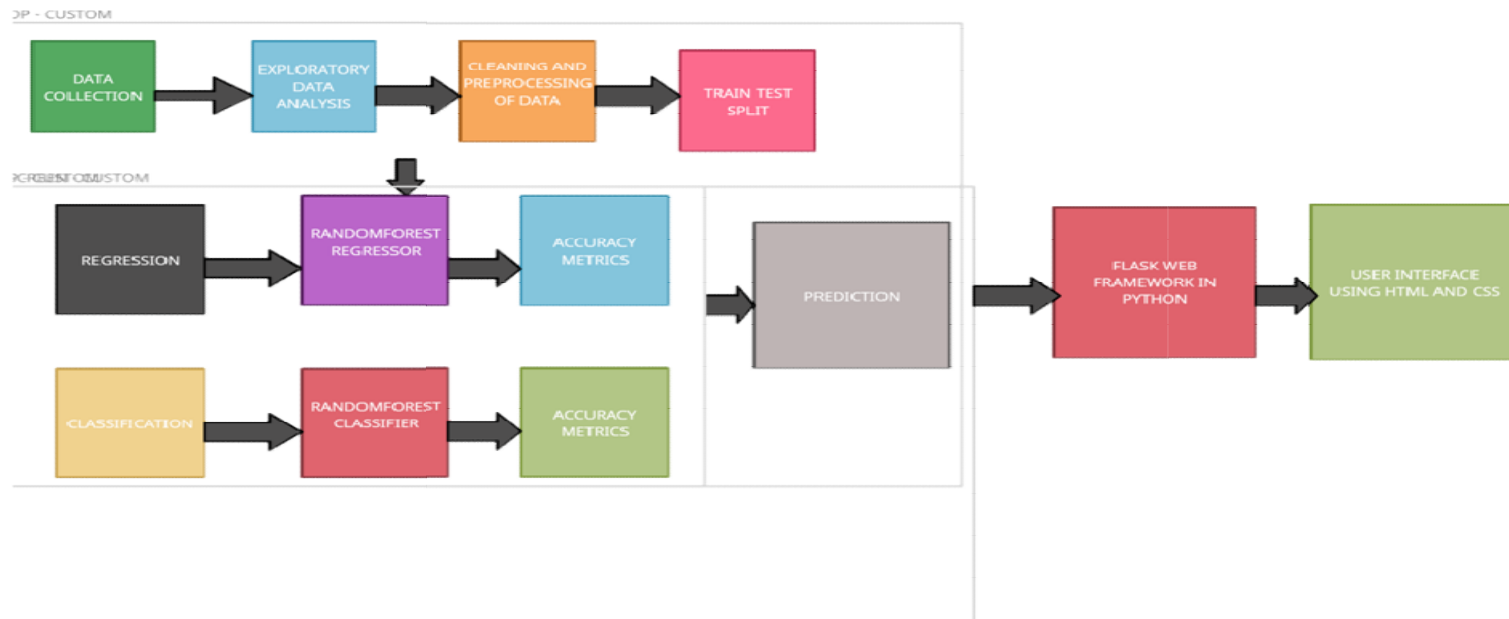


## Project Design Phase-II Data Flow Diagram & User Stories

Date	12 October 2022
Team ID	PNT2022TMID15566
Project Name	Early Detection of Chronic Kidney Disease using Machine Learning
Maximum Marks	4 Marks

### Data Flow Diagrams:



Data Flow of Chronic Disease Prediction

1. Medical data of patients is collected from kaggle.
2. Exploratory data analysis done on the input dataset
3. Then removal of null values, duplicates and outliers.
4. Then the dependent and independent variable is defined
5. Train test split is done
6. Both classification and regression model is built
7. For Classification, the model is trained with RandomForestClassifier and tested with test dataset
8. For Regression, the model is trained with RandomForestRegressor and tested with test dataset
9. Then the model is fitted with front end which is developed using HTML,CSS with the help of Python Flask Web Framework
10. Finally the output will be predicted for the user input data

## User Stories

Use the below template to list all the user stories for the product.

[illegible]