Project Title: Early Detection of Chronic Kidney Disease using Machine Learning Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID25227

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1. CUSTOMER SEGMENT(S) CS	6. CUSTOMER CONSTRAINTS	5. AVAILABLE SOLUTIONS AS
Who is your customer?	Whatc s r nts prevent your customers from tak ng action or of solutions°	Which solutions are available to the customers when they face the problem
Doctors who felt difficulties in finding the presence of chronic disease uickly using the report of patient	By using the web application which inbuilt using machine learning model makes easy to find the presence of chronic disease instantly	or need to get the job done? There are solution models available with different algorithms. Here we have used ensemble technique to build the model and created a web application using flask connectivity

2. JOBS-TO-BE-DONE/ PROBLEMS	9. PROBLEM ROOT CAUSE	7. BEHAVIOUR
Which jobs to be-done (or problems) do you address for your customers To predict and detect the presence of chronic disease using lhe patient reporl	What is the real reason that this problem exist s" What is the back story behind the need to do this ob* Because there is a delay in analysing ach patience report and detecting the presence of disease by using doctors manually in a quick manner.	What does your customer do to address the problem and get the job done? They can simply login to our web application and use our chronic disease prediction model in a user friendly interface

3. TRIGGERS	10. YOUR SOLUTION	8.CHANNELS of BEHAVIOUR
What triggers customers to act? They need to travel to hospital and wait for a long time to visit doctors to check whether they have chronic disease or not.	We have collectecl clataset from kaggle. After doing preprocessing, we have developed both regression and classification model. Regression model is built with RandomF orest Regressor and classification model is built with RandomForest Classifier. The (inally our model is fit with html pages tO have good user interface. THis was connected using Pyhon flask web framework.	8.1 ONLINE What kind of actions do customers take online* Customers need to enter their detail s inour web frame work to get final result s in online 8.2OFFLTWE What kind of actions do customers take offline* The need to have theri medical report details.