Early Detection of Chronic Kidney Disease using Machine Learning

Template

Project Title:

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AS BE They can simply login to our web application and use our chronic disease prediction model in a user friendly interface 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 What does your customer do to address the problem and get the job done? Which solutions are available to the customers when they face the problem 5. AVAILABLE SOLUTIONS or need to get the job done? 7. BEHAVIOUR What constraints prevent your customers from taking action or limit their choices of solutions? S By using the web application which inbuilt using machine learning model makes easy to find the presence of chronic disease instantly Because there is a delay in analysing ach options are report and detecting the presence of disease by using doctors manually in a quick manner. 6. CUSTOMER CONSTRAINTS What is the real reason that this problem exists? What is the back story behind the need to do this job? PROBLEM ROOT CAUSE J&P CS Doctors who felt difficulties in finding the presence of chronic Which jobs-to-be-done (or problems) do you address for your customers? To predict and detect the presence of 2. JOBS-TO-BE-DONE / PROBLEMS disease quickly using the report of patient chronic disease using the patient report 1. CUSTOMER SEGMENT(S) Who is your customer? Define CS, fit into CC Focus on J&P, tap into BE, understand RC

Explore AS, differentiat Focus on J&P, tap into BE, understand RC

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