Lean Business Model Canvas

Model: Heart Disease Prediction

Problem

The main Problem which we have detected about the prediction of heart disease that's the consultants take much time to diagnose a cancer, Survivability and Reoccurrence.
Cost is too high and ime waste in different tests.There are many methods related to prediction of disease. Yet heart-related disease in particular has been analyzed and the level of risk is produced. But there are usually no such tools that are used for specific disease prediction. The main objective is to predict the Boolean class heart disease prediction, which represents whether a patient has heart disease or not.

Solution

Heart Disease Prediction application is an end user support and online consultation project.a web application that allows users to get instant guidance on their heart disease through an intelligent system online. We use Machine learning algorithms to solve the mentioned problems faced by the patients and also for doctors.

Key Metrics

Our aim is to complete the project with the abilities of application which can easily:

1.Predict the heart disease.
2.Predict the survivability of patients.

Unique Value Proposition

From the proposed solution we have selected the machine learning algorithms which

1. MLPClassifier
2. SVM
3. GaussianNaïve Bayes
4. AdaBoostClassifier (RandomForestClassifier)
5. EnsembleVoteClassifier

Unfair Advantages

As we are using the combination of machine learning algorithms in our project and it is very obvious that combination can never be the same in any backend development it may have different.

Channels

Channels for reaching to customers are:

1.Web Advertisement.
2.Facebook page.
3.Instagram page.
4.Hospitals.

Customer Segments

Customers are:

1. Patients
2. Doctors

Cost Structure

Technical HR Deployment Cost	Rs.60,000
Support Staff	Rs.150,000
Equipment	Rs.452,606
Traveling	Rs.90,000
Boarding & Lodging	Rs.180,000
Miscellaneous	Rs.102,000
Sub Total:	**Rs.1,034,606**
Audit Charges	Rs.25,000
Contingency	Rs.50,000
Institutional/Organizational Overheads	Rs.200,000
Total Budget:	**Rs.1,309,606**

Revenues Streams

We will generate our revenue form CPM display advertising on web application. (e.g. banners ads and skyscrapers).
CPM stands for "cost per thousand" where M denotes "Mille". The site owner charges advertisers a rate card price (for example 50 GBP CPM) according to the number of its ads shown to site visitors. Ads may be served by the site owners own ad server or more commonly through a third-party ad network service such as Google AdSense as is the case with my site.