Visualizing and Predicting Heart Diseases with an Interactive Dash Board

SUBMITTED BY

Rahul Prakash S   (113219031117)
Raj Kumar M   (113219031118)
Naresh V   (113219031096)
Tharun Kumar E   (113219031152)

BACHELOR OF ENGINEERING IN COMPUTER SCIENCE AND ENGINEERING

Empathy Map Canvas

Gain insight and understanding on solving customer problems.

1

Build empathy and keep your focus on the user by putting yourself in their shoes.

What do they THINK AND FEEL?
what really counts
major preoccupations
worries & aspirations

- Basic Health analysis information
- Visualization
- Model information
- Healthy (or) Heart Defect
- Final Result
- Previous history of heart disease information

What do they HEAR?
what friends say
what boss say
what influencers say

- A Dashboard to predict heart disease
- Able to analyze current Health statistics
- Live Data

- Patient Current Health report
- Recommendations for the predicted data
- Levels of Predicted Heart Disease Risk

What do they SEE?
environment
friends
what the market offers

What do they SAY AND DO?
attitude in public
appearance
behavior towards others

- Consulting a doctor with the reports obtained from the dashboard
- Encourage others to check with their health reports
- Takes test on the interactive Dashboard
- Following up the recommendations or actions suggested by the dashboard
- People may panic after getting high risk of heart disease
- Comparison of accuracy with real medical tests

PAIN
fears
frustrations
obstacles

- negative Results in the analysis
- When there is no optimal solution
- Causes frustration on bad result

GAIN
"wants" / needs
measures of success
obstacles

- optimal solution on the predicted Result
- Probability Analysis on the given input data
- Recommendations on the analyzed Data