VISUALIZING AND PREDICTING HEART DISEASES WITH AN INTERACTING DASHBOARD

Submitted by

Nanthaguru T (422519205028)

Pravin abdul kalam M (422519205034)

Susindharan M V (422519205041)
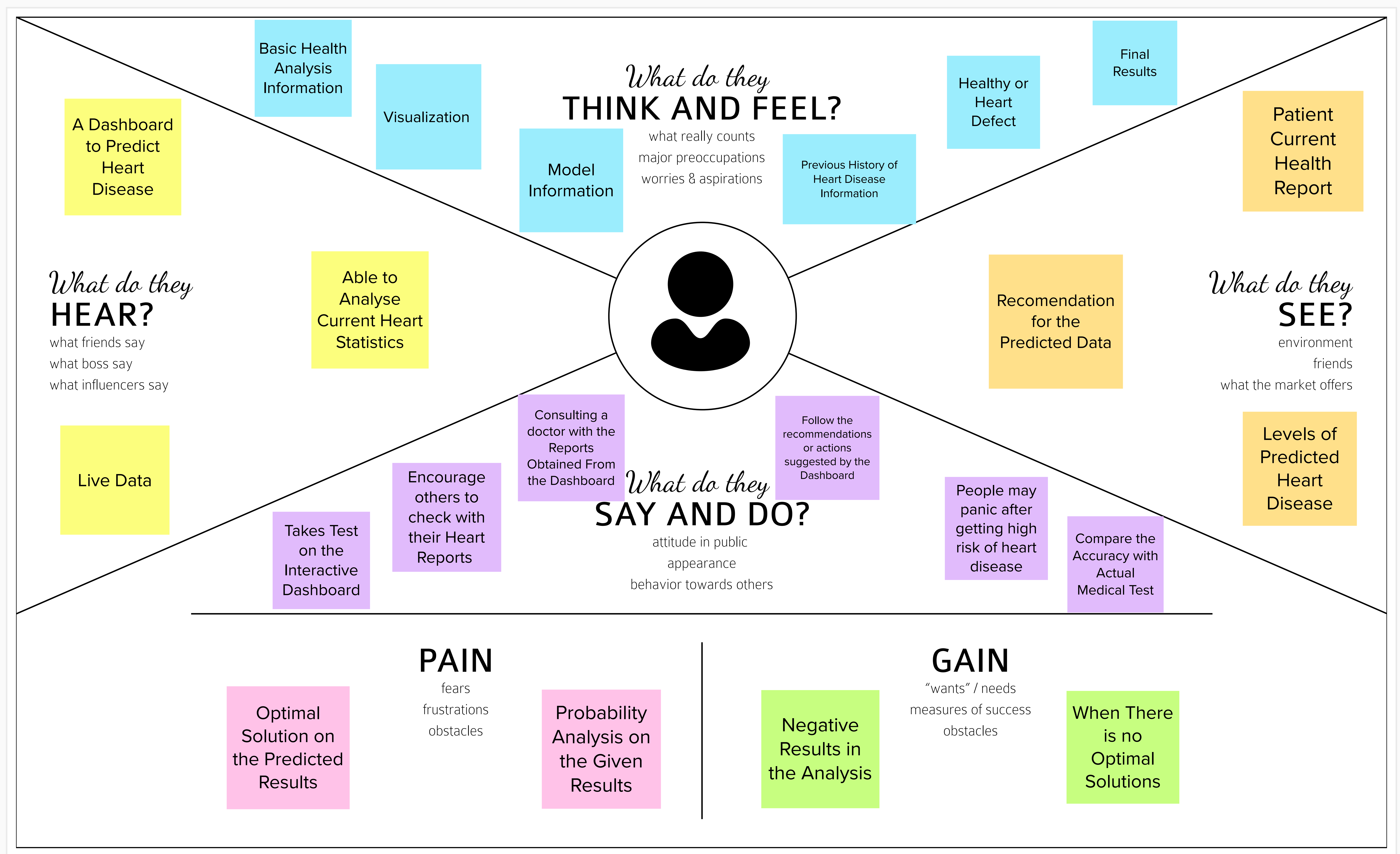
Vetrivel R (422519205044)

BACHELOR OF TECHNOLOGY

INFORMATION TECHNOLOGY

Empathy Map Canvas

Gain insight and understanding on solving customer problems.

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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

Previous History of Heart Disease Information

Healthy or Heart Defect

Final Results

Patient Current Health Report

A Dashboard to Predict Heart Disease

What do they
HEAR?

what friends say
what boss say
what influencers say

Able to Analyse Current Heart Statistics

Recomendation for the Predicted Data

What do they
SEE?

environment
friends
what the market offers

Live Data

Levels of Predicted Heart Disease

Consulting a doctor with the Reports Obtained From the Dashboard

Follow the recommendations or actions suggested by the Dashboard

Encourage others to check with their Heart Reports

What do they
SAY AND DO?

attitude in public
appearance
behavior towards others

People may panic after getting high risk of heart disease

Takes Test on the Interactive Dashboard

Compare the Accuracy with Actual Medical Test

PAIN

fears
frustrations
obstacles

Optimal Solution on the Predicted Results

Probability Analysis on the Given Results

GAIN

"wants" / needs
measures of success
obstacles

Negative Results in the Analysis

When There is no Optimal Solutions