Project Title: Visualizing and Predicting Heart Diseases with an Interactive Dashboard Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID09237

# Define CS, fit into

## 1. CUSTOMER SEGMENT(S)

Who is vouí customeí?

Doctoís in hospitals



J&P

E.g.: Doctois can use this along with the patients' medical data to analyze the fisk ofheaft disease.

# 6. CUSTOMER CONSTRAINTS

What constiaints pievent youi customeis fiom taking action of limit their choices of solutions? i.e. spending powei, budget, no cash, network connection, available devices.

Since we aíe dealing with sensitive medical data, it is not íecommended foí customeís to self-diagnose as it is veíy íisky. It can howeveí be used as a tool to incíease awaíeness íegaíding this issue.

# CC

### 5. AVAILABLE SOLUTIONS

Which solutions are available to the customers when they face the problem



of need to get the job done? What have they tfied in the past? What pfos & cons do these solutions have? i.e. pen and papef is an altefinative to digital notetaking

Customeís can go to the doctoí foí a medical checkup. Based on the test íesults, doctoís will advise them.

# Explore AS, differentiate

### 2. JOBS-ľO-BE-DONE / PROBLEMS

Which jobs-to-be-done (oí píoblems) do you addiess foi youi customeis? l'heie could be moie than one; exploie diffeient sides

Visualizations give doctoís veíy good insights on the potential chances foí a patient to get heaít disease. It is also veíy useful to explain to patients so that they can easily undeístand the íisk factoí and take caíe of themselves to íeduce the likelihood of getting heaít disease.

### 9. PROBLEM ROOL CAUSE



What is the íeal íeason that this píoblem exists? What is the back stoíy behind the need to do this job?

i.e. customeís have to do it because of the change in íegulations.

Not stoiing and analyzing data piopeily to help doctois make infoimed decisions

### 7. BEHAVIOUR



What does you' custome! do to addiess the pioblem and get the job done?

i.e. diíectly íelated: find the íight solaí panel installeí, calculate usage and benefits; indiíectly associated: customeís spend fíee time on volunteeíing woík (i.e. Gíeenpeace)

Ensuíe data is stoíed in an oíganized and sequential oídeí like an excel sheet foí example íight fíom the staít so that is íeady to be used foí analysis.

### 3. I'RIGGERS



What triggers customers to act? i.e., seeing their neighbor installing solar panels, reading about a more efficient solution in the news.

Patients who have a history with heart disease of those patients who are currently experiencing similar symptoms to those who have heart disease.

### 4. EMOI'IONS: BEÏORE / AÏI'ER



How do customeís feel when they face a píoblem oí a job and afteiwaíds?

i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Feeling afíaid and depíessed.
Develop a feeling of awaíeness which mean people

### 10. YOUR SOLUTION



If you are working on an existing business, write down your current solution first, fill in the canvas, and check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behavior.

l'o clean data and píovide visualizations to help doctoís in theií diagnosis of patient as well as make customeís moíe awaíe of this issue.

### 8. CHANNELS of BEHAVIOUR



### 8 1 ONLINE

What kind of actions do customeís take online? Extíact online channels fíom #

### 8.2 OÏÏLINE

What kind of actions do customers take offline? Extract Offline channels from #7 and use them for customer development.

**ONLINE:** Use's look at the data and compa'e it with their test results

**OïLINE:** Doctoís use it as a tool to diagnose patients and make accuíate píedictions.