Project Title: Visualizing and Predicting Heart Diseases with an Interactive Dash Board

Project Design Phase-I – **Proposed Solution**

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<tr>
<td rowspan="2">Define CS, fit into CC</td>
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1. CUSTOMER SEGMENT(S)

1.people with unhealthy food habits and living the life with Stress

2.patients

3.smokers

4.people who experience symptoms like chest pain , breath problem

5.people with family history of CADs

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6. CUSTOMER CONSTRAINTS

1.Economical background

2.limited access to hospitals

3.frequent visit to doctors

4.lack of knowledge about CADs

5.unable to quit smoking and drinking

6.stress management

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5. AVAILABLE SOLUTIONS

1.Quit smoking
2.visit cardiologist
3.Exercise regularly
4.Regular medical checkup

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<td rowspan="2">Explore AS, differentiate</td>
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2. JOBS-TO-BE-DONE / PROBLEMS **J&P**	9. PROBLEM ROOT CAUSE **RC**	7. BEHAVIOUR **BE**
1.Early prediction of heart disease 2.Maintain a healthy life and avoiding stress free environment	1.Unhealthy lifestyle 2.high stress level 3.Unhealthy food habits 4.Smoking and drinking	1.Stress management 2.Bettering lifestyle 3.visiting doctor 4.quit smoking 5.maintain body and health

3. TRIGGERS **TR**	10. YOUR SOLUTION **SL**	8. CHANNELS of BEHAVIOUR **CH**
1. Increasing stressful life 2.Discomfort in chest periodically 3.Chest pain	1. Early prediction of heart diseases 2. Predicting heart diseases can help in getting better cures for same diseases 3. Suggest lifestyle changes that are requited	8.1:ONLINE 1.Finding possible cures 2.Booking online appointment 3.Searching health related website 8.2: OFFLINE 1.Visit cardiologist 2.Maintaining lifestyle 3.living stress free life
4. EMOTIONS: BEFORE / AFTER **EM** Before: Worried , fear , Anxious After : Relieved ,Better control on emotions , clarity , visiting doctor if required		