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| Define CS, fit into CC | 1. CUSTOMER SEGMENT(S) CS Hospital with less or no cardiologist to analyse the ECG. | 6. CUSTOMER CONSTRAINTS CC It needs a lot of aor an expert surgeon to identify the CVDs. Also it cannot be guaranteed to be accurate. | 5. AVAILABLE SOLUTIONS AS The ECG can be analyzed by the expert surgeon and to identify the CVDs. | Explore AS, differentiat |
| | 2. JOBS-TO-BE-DONE / PROBLEMS J&P Analyze the ECG and predict the Cardiovascular disorder(CVDs) For accurate diagnosis of patient acute and chronic cardiac problems, an in-depth examination of ECG signals is essential. | 9. PROBLEM ROOT CAUSE RC In earlier stage of CVDs it is nearly impossible to identify it. Even experienced doctors requires lot of time to examine | 7. BEHAVIOUR BE The ECG waves may vary for different persons and based on their age also. | |

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| Identify strong TR & EM | 3. TRIGGERS TR The patient may have a costly hospitalization or a delayed start to their therapy as a result. So it should be immediately reported. | 10. YOUR SOLUTION SL Deep learning techniques in the artificial intelligence field with 2-D ECG spectral image representation is used here to classify the arrhythmia with high accuracy. | 8.CHANNELS of BEHAVIOR CH 8.1 ONLINE In Online mode the image processing will be done at IBM cloud and results are brought to client browser. 8.2 OFFLINE In Offline mode the image processing will be done at client side itself using python flask framework | Identify strong TR & EM |
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| | <div data-bbox="152 65 456 89" data-label="Section-Header"><p>4. EMOTIONS: BEFORE / AFTER</p></div> <div data-bbox="721 60 761 92" data-label="Text"><p>EM</p></div> <div data-bbox="125 126 801 217" data-label="Text"><p>To get the clarification of the Cardiovascular disorder and at which level it is affected so that fear and getting out of mind is prevented.</p></div> | | | |
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