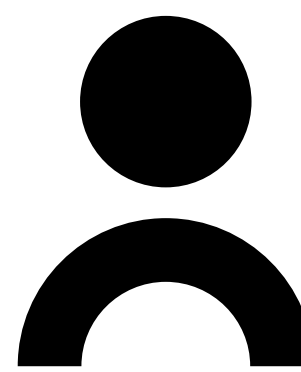
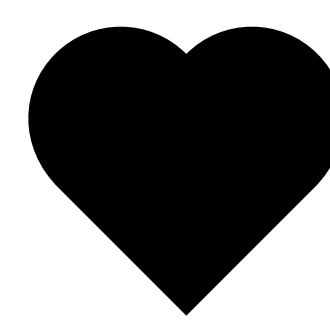


PERSONA 1

My name is Aaron



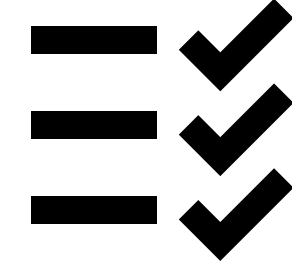
Name & Photo



Behaviors & Actions

What do they feel?	They want to diagnose the patients
What do they do during this experience?	They check their ECG rates
What are they seeing? Hearing?	ECG Signals

Demographic & Psychographic Details



USA	Single
37	No
Doctor	Male

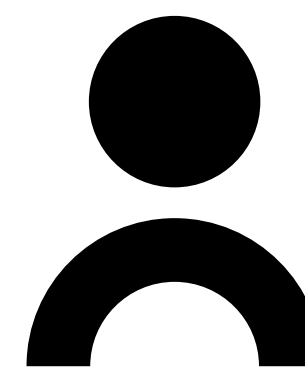
Needs & Pain Points



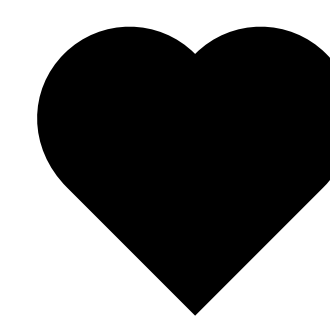
What problems do they have?	Diagnosing the patient
What tasks are wasting their time and resources?	Securing ECG data
What do they need to accomplish? What does success look like for them?	Successful classification of Arrhythmia

PERSONA 2

My name is Sarah



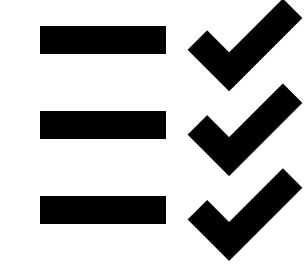
Name & Photo



Behaviors & Actions

What do they feel?	They feel comfortable with the model
What do they do during this experience?	They provide data to the model
What are they seeing? Hearing?	ECG signals

Demographic & Psychographic Details



UK	Married
38	Yes
They work as a technician for a hospital	Female

Needs & Pain Points



What problems do they have?	Procuring a device which helps in diagnosis
What tasks are wasting their time and resources?	Data gathering
What do they need to accomplish? What does success look like for them?	Successful diagnosis



Setting up device

Checking hardware

Checking software

Overall check

Providing data to the machine

Data gathering

Cleaning data

Data Providing

Running the algorithm

Training

Testing

Final output

Gathering the output

Output metrics

Evaluation

Results

Providing diagnosis

Classification and diagnosis

Generating report

Final diagnosis

Release 1

Checking computer requirements

Checking the ML Model

Final round check

Procure data from patients

Preprocessing

Data provided to machine

Training using data

Testing using data

checking final output metrics

Accuracy

Evaluating the test output

Obtaining the results

Final output received which tells whether the patient is diagnosed or not

organizing the result diagnosis and filing them

Final output provided to patient

Checking GPU,CPU

Procure data from website

Normalisation

Increasing epochs

Precision

Release 2

Making improvements to ML Model

Procure data Manually

Fine tuning parameters

Recall

F1 Score