Classification of Arrhythmia by Using Deep Learning with 2-D ECG Spectral Image Representation

SCENARIO

## **Classification of Arrhythmia by Using Deep Learning**

What does the person (or group) typically

experience?

What interactions do they have at each step along the way?

People: Who do they see or talk to? Places: Where are they?

Things: What digital touchpoints or physical objects would they

At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")

What steps does a typical person find enjoyable,

productive, fun, motivating, delightful, or exciting?

What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?

Areas of opportunity

How might we make each step better? What ideas do we have? What have others suggested? Entice

How does someone initially become aware of this process?

can be expanded further in

classification of other diseases in future.

Using the help of medical labs major customer interaction was done by the medical labs.

Arrhythmia Classification section of the website, iOS app, or Android app Classification section of the website, iOS app, or Android app

Classification section of the website, iOS app, or Android app

People express a bit of fear of privacy.

Produce accurate results even with having any difficult accurate photos.

Make it easier to get results without having any difficult experience.

upload blurred photos.

Show highlights or common phrases from reviews.

Provide a simpler summary to avoid information stacked

Help me in creating the account

experience as they begin the process?

Sign In How it works? they Sign-in to create an active account

within the website, iOS app,

Help me understand what this app is all about

Gives Quick Response.

Simplified Application Getting result in an affordable cost.

Engage

uploading images.

Extremely useful

process, what happens?

What do people typically experience as the process finishes?

submitting review and exiting The report can be downloaded and saved further.

The reports are viewed in the report page.

Download the report

People uncertain of the outcome. People are unsure about the result.

Help me make the most of my trip to this new place

People gives feedback.

Provide healthy diet suggestions.

How might we make it clear that tipping is appreciated but not necessary?

Could we A/B test How might we different language to see what changes response rates? progressively disclose the full review so that each step feels more simple?

What happens after the experience is over?

Help me to have a follow up in my health.

Help me see what I could be doing next

Fairplane Guided City Tours team Claudia Menaka Jerome Alejandro Emma Larmon Mahajan Phillips Flores Sato

Based on ten customer interviews and observations from the