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

## Document an existing experience

Narrow your focus to a specific scenario or process within an existing product or service. In the **Steps** row, document the step-by-step process someone typically experiences, then add detail to each of the other rows.

TIP As you add steps to the experience, move each these "Five Es" the left or right depending on the scenario you are documenting.





of this process?



begin the process?

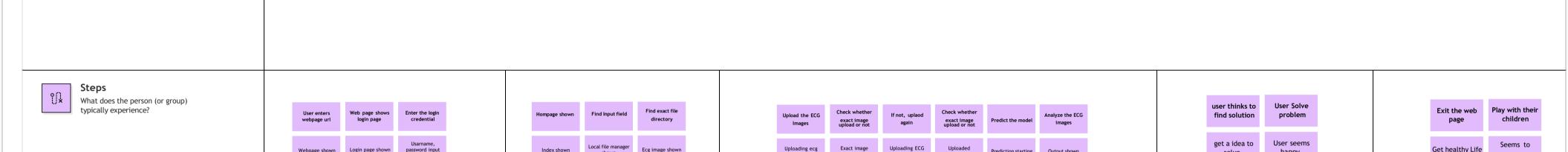






happy

Output





# Interactions

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 use?



### Goals & motivations At each step, what is a person's

primary goal or motivation? ("Help me..." or "Help me avoid...")



### Positive moments

What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?

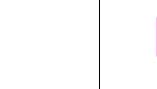


### Negative moments What steps does a typical person

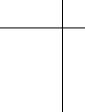
find frustrating, confusing, angering, costly, or time-consuming?



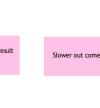
How might we make each step better? What ideas do we have? What have others suggested?



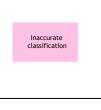












happy



