Project Title: A Gesture-based Tool for Sterile Browsing of Radiology Images

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID00698

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Who is your customer?
i.e. working parents of 0-5 y.o. kids

The customer segment consists of users of bank ,post office ,colleges, schools etc.

6. CUSTOMER CONSTRAINTS — CC

What constraints prevent your customers from taking action or limit their choices of solutions? i.e. spending power, budget, no cash, network connection, available devices.

Clarity of the input

5. AVAILABLE SOLUTIONS — AS

Which solutions are available to the customers when they face the problem
or need to get the job done? What have they tried in the past? What pros & cons do these solutions have? i.e. pen and paper is an alternative to digital notetaking

Previously people needed to recognize the written digits and organize them . Now the hand written digit recognition tool will help to recognize and organize hand written digits efficiently.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Which jobs-to-be-done (or problems) do you address for your customers? There could be more than one; explore different sides.

The algorithm must be in such a way that the user finds the tool easy to use. The inefficient techniques used in past must be avoided.

9. PROBLEM ROOT CAUSE — RC

What is the real reason that this problem exists?
What is the back story behind the need to do this job?
i.e. customers have to do it because of the change in regulations.

Recognizing handwritten digits manually is too much exhaustive, time consuming and not efficient.

7. BEHAVIOUR — BE

What does your customer do to address the problem and get the job done?
i.e. directly related: find the right solar panel installer, calculate usage and benefits; indirectly associated: customers spend free time on volunteering work (i.e. Greenpeace)

Technical issues are handled by the technical team. The hand written digit recognition tool is easy to handle and accurate.

Focus on J&P, tap into BE, understand RC

3. TRIGGERS — TR

What triggers customers to act? i.e. seeing their neighbour installingsolar panels, reading about a more efficient solution in the news.

The success of this hand written digit recognition tool will lead many banks ,post offices ,schools and colleges adopting this method

10. YOUR SOLUTION — SL

If you are working on an existing business, write down your current solution first,fill in the canvas, and check how much it fits reality.
If you are working on a new business proposition, then keep it blank until you fill inthe canvas and come up with a solution that fits within customer limitations, solves a problem and matches customer behaviour.

8. CHANNELS of BEHAVIOUR — CH

ONLINE

What kind of actions do customers take online? Extract online channels from #7

To upload the images for recognition

OFFLINE

What kind of actions do customers take offline? Extract offline channels from #7and use them for customer development.

Stored digitalized output images can be viewed

Identify strong TR & EM

4. EMOTIONS: BEFORE / AFTER EM

How do customers feel when they face a problem or a job and afterwards?
i.e. lost, insecure > confident, in control - use it in your communication strategy & design.

Digitalization of hand written digits is done efficiently and easily without human interaction

Webpages can be used instead of applications for more interaction. The scanning should be able to done in such a way that the hand written digits can be recognized easily.

Identify strong TR & EM