Project Title:Intelligent Vehicle Damage Assessmen & Cost Estimator for Insurance Companies

Project Design Phase-I – Solution Fit Template

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Define CS, fit into CC

1. CUSTOMER SEGMENT(S) `CS`

Who is your customer?
- The people who frequently travel
- People who choose driving as a job
- Family takes a holiday for spending time for the loved ones.
- Basically belonging to 18+ years old

6. CUSTOMER CONSTRAINTS `CC`

What constraints prevent your customers from taking action or limit their choices
- The most common constraints faced by the customer is network connection because of the internet availability
- This might lead to inaccessible of certain features
- Improper image or blurred images might affect the accurate performance of the application

5. AVAILABLE SOLUTIONS `AS`

Which solutions are available to the customers when they face the problem
- Using slow processing algorithms to detect the damage
- The existing solution for this problem is detection of damage in vehicle by using machine learning alternatively we use Image detection

Merits:
- Interaction between the customer and the insurance company become effective.

Demerits:
- Estimated cost varies frequently.

Explore AS, different

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

2. JOBS-TO-BE-DONE / PROBLEMS

Which jobs-to-be-done (or problems) do you address for your customers?
- The main problem will be time consumption in assessing the damage cost
- Damage percentage to address such as issues it is very important
- One of the major problem faced by the customers or the insurance companies are not having idea about the of repair for the damage

9. PROBLEM ROOT CAUSE `RC`

What is the real reason that this problem exists? Whstory behind the need to do this job?
- Deviation or variation from the company calculated cost and the actual cost
- Claims leakage underwriting leakage is characterized as the discrepancy between the actual payment of claim made and the sum that should have been paid if all of the industry's leading practices were applied.
- Customer have to do it because of the change in regulations.
- Rapid development in the AI field paved way to many advance methodologies of estimation

7. BEHAVIOUR `BE`

What does your customer do to address the problem and get the job done?
- Customer need to spend time to find the right technology to perform the action and calculate the usage
- The customer has to upload the image of the car after an accident .
- The applications will instantly evaluate the damage and displays the claim amount to the customers

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

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3. TRIGGERS `TR`

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient solution in the news.
- Technological advancement in the field of predictions and estimation
- Reading about the more solutions in the news and various websites.

10. YOUR SOLUTION `SL`

- Accurately estimate the damage percentage
- Predict the region of damage with respectto the vehicle
- Use fast processing algorithm for functionality
- Interactive and user-friendly solution to make it easily accessible for the user
- The functionality of the existing solution is slow

8. CHANNELS of BEHAVIOUR `CH`

8.1 ONLINE
- Webpage can be accessed to estimate damageusing input image

8.2 OFFLINE
- Reach out to the respect insurance agentor the
- corresponding bank to proceed further with
- the insurance payment protocol

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.

Before:

- The customer are not able to claim accurate amount for the damage in vehicle
- Delay in insurance claim

After:

- The technology development the customer felt independent and comfortable to use the technologies and the solution can be more.
- Received their insurance claims at an instant
- Were able to evaluate an unified insurance claim for their vehicle damages.