Project Design Phase-1
Problem Solution fit

Date	09 October 2022
Team ID	PNT2022TMID36535
Project Name	Intelligent Vehicle Damage Assessment and Cost Estimator for Insurance Companies
Maximum Marks	4 Marks

Problem-Solution fit canvas 2.0

Explore AS, differentiate

Define CS, fit into

1. CUSTOMER SEGMENT(S) `CS`

- ➢ Commercial working people traveling from one point to another.
- ➢ Basically belonging to18+ year's old.
- ➢ Person who's vehicle experienced from accident or damaged in the vehicle.
- ➢ Customer with the valid insurance policy to claim.

6. CUSTOMER CONSTRAINTS `CC`

- ➢ The most common constraints faced by the customer is network connection because of the internet availability

5. AVAILABLE SOLUTIONS `AS`

- ➢ Approaching third person for the cost estimation.
- ➢ Cost estimation done by manual calculation.
- ➢ Using slow processing algorithm to detect the damage.

Pros :
- ➢ The estimated value stays with in the customer and bank agent.

Cons :
- ➢ Estimated cost varies frequently.
- ➢ The time taken for estimation is very high leading to lots of losses and mental issues.

Focus on J&P, tap into BE, understandRC

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2. JOBS-TO-BE-DONE / PROBLEMS `J&P`

- ➢ One of the major problems faced by the customers or the insurance companies are not having idea about the cost of repair for the damage.
- ➢ Insurance companies are failing to provide right amount for the car damage and the customers not able to claim for the damage

9. PROBLEM ROOT CAUSE `RC`

- ➢ Deviation or variation from the companies calculated cost and the actual cost
- ➢ Rapid development in the AI field paved way too many advanced methodologies of cost estimation.
- ➢ Customer have to do it the cost of the change in regulations.

7. BEHAVIOUR `BE`

- ➢ The customer has to upload the images of their car after the accident.
- ➢ The application will instantly evlaluate the damage and displace the claim amount to the customer.

Identify strong TR &

Extract online & offline CH of BE

3. TRIGGERS `TR`

- ➢ Reading about the more solutions in the news and various websites.
- ➢ Development of new technologies.

4. EMOTIONS: BEFORE / AFTER `EM`

Before the customer are not able to claim accurate amount for the damage in vehicle. After the technology development the customer felt independent and comfortable to use the technologies and the solution can be more.

10. YOUR SOLUTION `SL`

- ➢ Accurately the estimate the damage percentage.
- ➢ Predict the region of damage with respect to the vehicle.
- ➢ Eliminating human error while estimation.
- ➢ Use of fast processing algorithm for functionality

1. CHANNELS of BEHAVIOUR `CH`

1. ONLINE

Customer interact with the webpage through internet.

8.2 . OFFLINE

Customer cannot access this webpage without internet.