**PROBLEM SOLUTION FIT INTELLIGENT VEHICLE DAMAGE ASSESSMENT & COST ESTIMATOR FOR INSURANCE COMPANIES Team ID: PNT2022TMID47870**

**AS**

**5. AVAILABLE SOLUTIONS**

* Damaged vehicle should be under the process of visualization and testing done by an officer in that company.
* Based on the damages, a particular set of calculations are made.
* Finally , they claim the calculated money with a proper proofs .

**CC**

**6. CUSTOMER CONSTRAINTS**

* Due to leakage claims , a lot of money should be wasted in the car insurance business.
* Customer face some delays while claim insurance because of the analysis of vehicle damages.
* Improper claiming procedures occurs.

**CS**

**1. CUSTOMER SEGMENT(S)**

* Common people who wants to claim a proper insurance for their vehicle damages.
* Insurance companies.
* Vehicle loan lenders.

**Explore AS, differentiate**

**Define CS, fit into CC**

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

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

* Customer wants a proper insurance settlements.
* The insurance companies wants a faster and easier visualization and estimation methods without any leakage claims.

**BE**

**7. BEHAVIOUR**

What does your customer do to address the problem and get the job done?

**RC**

**9. PROBLEM ROOT CAUSE**

* Impose delays in the processing of claims.
* A lot of money would be wasted due to leakage claims.
* False estimations .

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

* To build a VGG16 model that can detect the area of damage on a vehicle.
* A model which includes automated assessments of vehicle damage and estimates the cost for the damage in an accurate manner.

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

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| **Identify strong TR & EM** | **3. TRIGGERS TR**  To help the peoples to get their justified amounts.  To reduce the delay process and give the outputs efficiently by using our model. | **10. YOUR SOLUTION SL**   * To build a VGG16 model that can detect the area of damages in a vehicle. * The user can upload pictures in that model , it can assess the damage in a faster manner and estimate the cost of damage. * This model can also be used by lenders , if they are underwriting a car loan, especially for a used car. | 1. **CHANNELS of BEHAVIOUR CH**   **ONLINE**   * Social media platforms * Online websites   **OFFLINE**    Customer feedbacks and words |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  **BEFORE:**  Time delay for analyzing and underwriting leakages.  **AFTER:**  Fast mechanism without any fraudulent activities. |