Explore AS, differentiate

# 1. CUSTOMER SEGMENT(S)

**Project Title: Car Resale Value Prediction** 

Who is your customer?

Used car buyers

#### 6. CUSTOMER CONSTRAINTS

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.

- To determine the worthiness of the car by their own within few
- A loss function is to be optimized by spending money for dealers. brokers to buy or sell a car.

## 5. AVAILABLE SOLUTIONS

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

- In the past User cannot find the value of used car buy their own without prior knowledge about cars.
- •A person who don't know much about the car can also make predictions for used cars easily

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

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

To build a supervised machine learning model using regression algorithms for forecasting the value of a vehicle based on multiple attributes such as

- . Condition of Engine
- Year of Registration
- Kilometers

understand

Number of Owner

### 9. PROBLEM ROOT CAUSE

What is the real reason that this problem exists? What is the back story behind the need to do?

- The price predicted by the dealers or brokers for used car is not trustworthy.
- Users can predict the correct valuation of the car remotely without human intervention like car dealers.
- User can eliminate the valuation prediction by the dealer.

#### 7. BEHAVIOUR

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

The History of Your Car's condition and documents produced by them will be suspicious.

The model is to be built would give the nearest value of the vehicle by eliminating anonymous value predicted by humans.

## 3. TRIGGERS

What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efficient problem solution news.

Users can predict the correct valuation of the car by their own like OLX cars and other websites by using model, year, owner, etc.

## 10. YOURSOLUTION

If you are working on an existing business, write down your current solution first, fill in the canvas, check how much it fits reality.

If you are working on a new business proposition, then keep it blank until you fill in the canvas and come up with solution that fits customer limitation and matches behaviour.

• The main aim of this project is to predict the price of used cars using ML algorithms and collection data about different cars.

#### 8. CHANNELS of BEHAVIOUR

What kind of actions do customers take online and offline?

• Customer should predict the worth of the car by using different parameters given by the owner.

How do customers feel when they face a problem or a job and afterwards?

Before:

• User will be in fear about the biased values predicted by the humans based on the condition of the car

• User can determine the worthiness of the car by their own without human intervention.

The project should take parameters related to used car as inputs and enable the customers to make decisions by their own

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• User can decide by seeing the exterior and interior condition of the car.

• User can determine the worthiness of the car by their own without human intervention.