

# Project Title: DemandEst -AI powered Food Demand Forecaster

## Project Design Phase-I - Solution Fit Template

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Define CS, fit into CC	<b>1. CUSTOMER SEGMENT(S)</b> <small>Who are your customers? Do you have personas of 1-3 you have</small> <b>Used car sellers</b>	<b>4. CUSTOMER CONSTRAINTS</b> <small>What constraints prevent your customers from taking action or limit their ability to do whatever you, spending price, budget, do not, demand, constraints, or other factors</small> <ul style="list-style-type: none"> <li>To determine the worthiness of the car by their own within few minutes</li> <li>A loss function is to be optimized by spending money for dealers, brokers to buy or sell a car.</li> </ul>	<b>5. AVAILABLE SOLUTIONS</b> <small>Which solutions are available to the customers who face the problem</small> <small>if there price is less for these solutions how it can and supports an alternative to digital marketing need to get the job done? What has or they need better used?</small> <ul style="list-style-type: none"> <li>In the past User cannot find the value of used car buy their own without prior knowledge about cars.</li> <li>A person who don't know much about the car can also make predictions for used cars easily.</li> </ul>	Explore AS, differentiate
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> <small>What jobs-to-be-done or problems do you address for your customers? Have a solution more than one explicit deliverable value.</small> <p>To build a supervised machine learning model using regression algorithms for forecasting the value of a vehicle based on multiple attributes such as</p> <ul style="list-style-type: none"> <li>Condition of Engine</li> <li>Year of Registration</li> <li>Kilometers</li> <li>Number of Owner</li> </ul>	<b>3. PROBLEM ROOT CAUSE</b> <small>What is the root cause that the problem exists? What is the back story behind the need to do this job? Are you really trying to do this or is this change in requirements</small> <ul style="list-style-type: none"> <li>The price predicted by the dealers or brokers for used car is not trustful</li> <li>Users can predict the correct valuation of the car remotely without human intervention like car dealers.</li> <li>User can eliminate the valuation predicted by the dealer</li> </ul>	<b>7. BEHAVIOUR</b> <small>What jobs were customers do in address the problem and in the job that?</small> <small>Are already existing that the right independent variables, related to usage and location, delivery associated customers after the service understanding work for. (Grouping)</small> <ul style="list-style-type: none"> <li>The History of Your Car's condition and documents produced by them will be Suspicious.</li> <li>The model is to be built would give the nearest value of the vehicle by eliminating anonymous value predicted by using humans.</li> </ul>	
<b>3. TRIGGERS</b> <small>What triggers customers to act? Are using their knowledge resulting what goals, making decisions what efficient solution in the world.</small> <p>Users can predict the correct valuation of the car by their own like Olcars, Cars24 and other car resale value prediction websites by using model, year, owner, etc.</p>	<b>6. YOUR SOLUTION</b> <small>If you are working on an existing business, what does your current solution look like, fit in the current, and what have made it the reality.</small> <small>If you are working on a new business proposition, how long it takes until you fit in the current and coming up with a solution that the address customer decisions, achieve objectives and customer decision better value.</small> <ul style="list-style-type: none"> <li>The main aim of this project is to predict the price of used cars using the Machine Learning (ML) algorithms and collection data's about different cars.</li> </ul>	<b>8. CHANNELS of BEHAVIOUR</b> <small>S.1. WHO USES</small> <small>What kind of customer do customers who value? (Target customer, channels, how it?)</small> <small>S.2. WHAT USES</small> <small>What kind of customer do customers who value? (Target customer, channels, how it?)</small> <ul style="list-style-type: none"> <li>Customer should predict the worth of the car by using different parameters given by the owner.</li> </ul>	Identify strong TR & EM	
<b>4. EMOTIONS: BEFORE / AFTER</b> <small>How do customers feel when they face the problem or when they solve it?</small> <small>Are they, worried, confident, or excited - what is the state of emotions before the stage of change.</small> <p>Before:</p> <ul style="list-style-type: none"> <li>User will be in fear about the biased values predicted by the humans based on the condition of the car.</li> </ul> <p>After:</p> <ul style="list-style-type: none"> <li>User can determine the worthiness of the car by their own without human intervention.</li> </ul>	<p>The project should take parameters related to used car as inputs and enable the customers to make decisions by their own.</p>	<ul style="list-style-type: none"> <li>User Should confirm the details provided about the vehicle in RTO online.</li> <li>User can decide by seeing the exterior and interior condition of the car.</li> <li>User can test the performance of the car and to buy it up in a affordable price based on its condition.</li> </ul>		