**Project Scope Statement**

Project name: Car Price Prediction using ANN.

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| Project Description | This project is to be developed to predict customers’ budget for purchasing a car based on their economic state. This project will be useful for car salespeople and dealers to predict customers’ budget when they want to buy a car. This will also help them to sort out cars that are budget friendly for their respective customers. Financial institutions like banks can estimate the amount of car loan to approve when a particular customer wants to purchase a car. |
| Project Objectives | * To help financial institutions to estimate the amount of car loan to approve when a particular customer wants to purchase a car. * To ease the work of car salespeople and dealers to predict the car price that is suitable for the particular customer and choose the best car for their budget. * To give brief explanation to customers why they not to choose a car that is not complying their economic state. |
| Project Deliverables | A car price prediction system with following modules:   * Customer budget analyser * Loan approval check * Car price prediction |
| Project Boundaries | Money: The budget allocated for this project is enough to satisfy all the conditions.  Scope: The scope of this project is well-defined and clear.  Time: The time needed to complete developing the system may be delayed as we have to manage the resources constraint.  Resources: The resources that will be used to build this system are basic laptop with minimum requirements of storage, processing power and memory, this may cause delay in training the ANN model as it needs high powered computer/laptop. |
| Project Requirements | Technology requirements: This system to be developed should work on computer and laptop that is at least Windows 7 and the most latest technology based computer and laptop.  Functional requirements: The system to be developed should process customer’s data and provide insights such as car price budget prediction, loan approval checker and suggestions.  Non-functional requirements: The system to be developed should be able to process as many as data of customers without crashing the system.  Business requirements: The system to be developed should take customers data as input and predict the budget for car price near to accurate that is logical and affordable by the customer.  Stakeholder requirements: The system to be developed should have an easy interface to use and provide needed details at each page. |