Project Design Phase-I
Solution Architecture

Date	23-11-2023
Team ID	Team - 592817
Project Name	Project - Car Purchase Prediction Using ML

Solution Architecture:

- Data collection
    - o Collect the dataset or create the dataset
- Visualizing and analyzing data
    - o Univariate analysis
    - o Bivariate analysis
    - o Multivariate analysis
    - o Descriptive analysis
- Data pre-processing
    - o Checking for null values
    - o Handling outlier
    - o Handling categorical data
    - o Splitting data into train and test
- Model building
    - o Import the model building libraries
    - o Initializing the model
    - o Training and testing the model
    - o Evaluating performance of model
    - o Save the model
- Application Building
    - o Create an HTML file

Example - Solution Architecture Diagram: