

**IFN557 Rapid Web Development**

**Assignment 1**

**Design and Frontend**

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# 1. Part 1

## Description

Ecommerce store such as ebay and amazon growth exponentially since mid 2000. Many people can purchase almost anything from online. Here this website , classicworld. com will let you buy a car from ecommerce website. The topic of this ecommerce store is classic cars. Since some of the classic cars are very rare and hard to find, possible customer may find easier to find the targeted vehicle more through the ecommerce website. The main page shows 3 different categories, European, American Muscle and Japanese Cars (Japanese Domestic Market (JDM)). Each categories contains multiple vehicles for sale. All the detailed pictures and description can be found individually.

## User Stories

(1 ) Title : View all three categories of the classics cars

Story: As a user I would like to view all three (European , American , Japanese, other) categories

Acceptance Criteria:

1. A single views or 4 different categories of the classic cars provided to the users

(2 ) Title : View all the available vehicles

Story: “As a user I would like to view all the available classic cars and check detailed pictures and description

Acceptance Criteria:

1. A single lists/views provided to the user with description and detailed picture of each available product (Vehicles)

Vehicle details : price ,year , maker, model, description, contact info …etc

1. Contact of the each vehicles should clearly listed
2. Some history about the vehicle/model should be listed

(3 ) Title : Sign up for the future promotion /subscribe the website

Story: “As a user I would like subscribe/get news from the website when the new sales and promotion are listed. User maybe looking for one specific model

and they may want to get updated list for sales and promotions ”

Acceptance Criteria:

1. Forms to sing up user’s email address.
2. User can receive a prompt that input email has successfully registered for marketing email

(4) Title: Contact to the seller

Story: “ As a user I would like to contact to the seller. If there is direct message or email function, I can ask more detail questions and further inquiry

about the chosen vehicle “

Acceptance Criteria:

1. Contact detail and short message from that can be sent to the seller
2. User can receive a prompt that message has successfully sent

## Conceptual Model

The assessment does not require to implement of User, However *Figure 1 Conceptual model s*hows the relationships.

According to the user stories here are identified objects, behaviors, and relationships.

View all categories -> Categories : get all categories

View all vehicle -> Vehicle : get all vehicle

Contact to seller -> Seller : send Email

Subscribe for marketing email -> Marketing email : subscribe

**Diagram

Description automatically generated**

Figure 1 Conceptual model

## Database Model

As shown below Data model, Each of data table set with primary key (PK) and foreign key(FK).

Order Detail table is added to connect Order and Tour table.

Diagram

Description automatically generated

Figure Data Model

# 2. Part 2

A Zip file containing Front-end prototype. Home page and Product page are illustrated as shown below.

Graphical user interface, website

Description automatically generated

Figure Mock up Home Page

Graphical user interface, application

Description automatically generated

Figure Mock up Product Page