Proposal Details : Caropedia

Brief Overview

Caropedia is a non-profit organisation that will provide detailed information about cars available in the market. It will cover all the basic information including the year, make, model, trim, and other specifications. It will also provide latest updates and news for all those gearheads out there. Caropedia will also have an ability to provide custom search for its users.

More tentative features: Car Puzzle, Car quiz, Forum, Links to Buy Cars

Users

- Administrative
- Registered User
- Guest

Administrative and logged-in user will be able to create new car entries, edit and delete the data associated with an existing page and view a list of pages that already exist in the system with the ability to view the sorted list.

Non-Administrative user or guest user will be able to navigate the pages of the system by way of a menu, list or table.

Database Details

CarList
Main table that has details about the cars displayed on the home page. Admin user can create new records, update/delete the existing record.

Columns: ModelID(int)(primarykey)(autogenerated)
ModelMake (varchar)
ModelName (varchar)
ModelYear (int)
ModelImage (varchar)
CreatedBy (varchar)
CreatedDateTime (DateTime)

CarSpecs
Provides the selected car specifications details.

Columns: SpecID (int)(primarykey)(autogenerated)
EngineType (varchar)
Displacement (int)
Torque (int)
Speed (int)
ModelID(int) (Foreign Key)

CarOverview
Provides selected car description, it's rating and more images. These details will be displayed along with the above car specifications in the next page.

Columns: OverviewID (int)(primarykey)(autogenerated)
Description (varchar)
Rating (int)
Image (varchar)
ModelID(int) (Foreign Key)

CarBlog
Blog table where latest news about cars are displayed. These details will be displayed when user selects blog/news tab. Admin can update and add new blog item.

Columns: BlogID(int) (primary key) (auto generated)
BlogTitle(varchar)
Content(varchar)
CreatedBy (varchar)
CreatedDateTime (DateTime)

Users
Stores the details of registered users: FirstName, LastName, Password

Columns: UserID(int) (primary key) (auto generated)
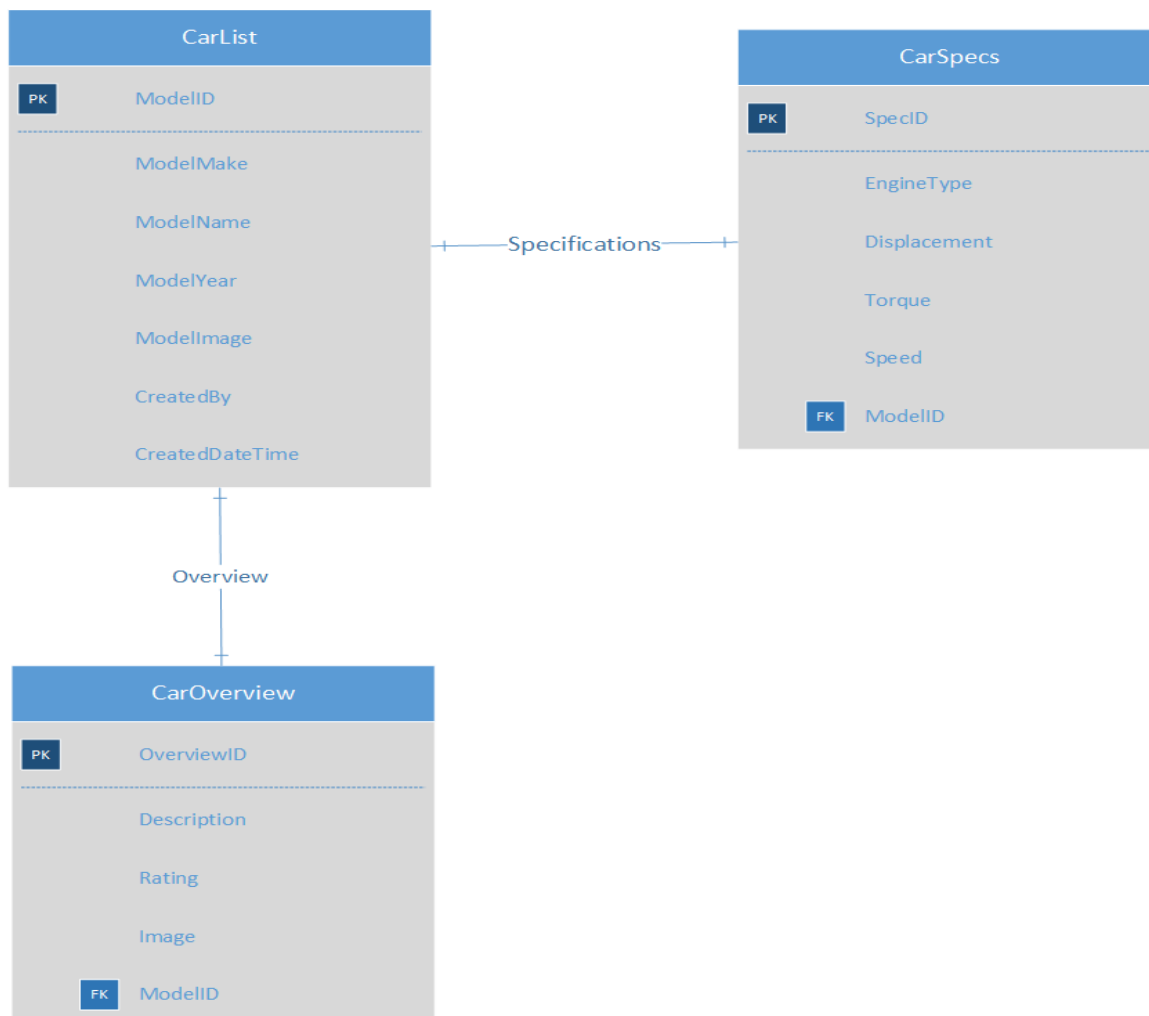   FirstName(varchar)
        LastName(varchar)
        Password(varchar)

RELATIONSHIPS

For every item in CarList Table there is one entry in CarSpecs Table and CarOverview Table.

Users and CarBlog are Independent Tables.

ERD

CarBlog Table is used in a separate Blog Page.

CarBlog

PK BlogID

BlogTitle

Content

CreatedBy

CreatedDateTime

Users

PK UserID

FirstName

LastName

Password