Requirements Document

1. Introduction

The project is a website, with the help of which will be possible configure characteristics of the car in different parameters. For example, body, drive, gearbox, etc.

The project includes use of the database. The database will contain different parameters for selection. Thanks for usability interface possible to add/change components at the configuration list, and view their characteristics.

The name of the project: "Car configurator".

2. User Requirements

2.1 Software Interfaces

Frameworks:
1) PHP
2) HTML/HTML5;
3) JavaScript;
4) CSS;
Database modules:
1) MySQL;

2.2 User Interfaces

User interfaces are present as attachments to project like mockups.

2.3 User Characteristics

The program will be designed for a wide audience of users.

3. System Requirements

3.1 Functional Requirements

The project will have such options as:
1) Authorization:
   a. By login and password;
2) Registered users have:
   a. Own page;
   b. View/management saved configurations.
   c. Print configuration.
3) Unregistered users have:
   a. Create configuration;

   b. Print configuration.
  4) Autogeneration of configuration;
  5) Index page;
  6) F.A.Q. page.

3.2 Non-Functional Requirements

3.2.1 SOFTWARE QUALITY ATTRIBUTES

  1. Graphical design should be responsive and adaptive for mobile devices, tablets and desktops.

  2. Request from web-server should be quick.

  3. Usability and loading page speed should have not less than 60/80 by the Google PageSpeed product.