Requirements Document

1. Introduction

The name of the project is “Automated system of orders” or ASOO. It helps you order with the web a sheet or reference and take away, which already have printed.

The website will have for login, F.A.Q. page, account page for a faculty and a student, where the person can manipulate orders data.

The website isn't intended for communication between students and manager of faculty.

2 User Requirements

2.1 Software Interfaces

Frameworks:

1. Laravel Framework (PHP);
2. VueJS (Javascript);
3. Bootstrap 3 (CSS).

Database modules:

1. MySql;
2. Eloquent ORM.

2.2 User Interfaces

User interfaces are presented as attachments to project like mockups.

2.3 User Characteristics

Groups of the intended users of the product are:

1. students;
2. secretaries of dean's office.

2.4 Assumptions and Dependencies

1. user operating system;
2. look of design.

3 System Requirements

3.1 Functional Requirements

The project will have such options as:

1. Authorization:
   1. By email and password;
   2. Not social networks.
2. Faculty and students have:
   1. Own account page;
   2. Managing orders.
3. Faculty functionality are:
   1. Get requests from students to print orders;
   2. Get email notification after creating a new order for the faculty.
   3. Changing status of order;
   4. Download generated file to print.
4. Student can:
   1. Create order for:
      1. Sheet;
      2. Reference.
   2. View the status of orders;
   3. Get email notification after changing order status by faculty administrator;
   4. View orders history;
5. Student can’t:
   1. Chatting with the faculty;
6. Autogeneration of orders;
7. Presentable index page;
8. 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 and less than 0.6ms.

3. Usability and loading page speed should have not less than 80/100 by the Google PageSpeed product.