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 index page has header, footer and content. Header should have buttons for users login and registration, logo. Footer are: navigation bar and logo. Content can have total amount of the orders and scheme "How it works?".

The website will have for login and registration, F.A.Q. page, account page for a faculty and a student, managing system to manipulate orders data and other features.

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. Registration will be available only for:
   1. Faculty;
   2. Student.
2. Authorization by:
   1. Email;
   2. Not social networks or other methods.
3. Reset password by sending email notification.
4. Faculty and students have:
   1. Own account page;
   2. Contacts;
   3. Settings;
   4. Managing orders.
5. Faculty functionality are:
   1. Set up info about faculty;
   2. Get requests from students to print orders;
   3. Get email notification after creating a new order for the faculty.
   4. Changing status of order;
   5. Managing types for selection of:
      1. Sheet;
      2. Reference.
   6. Possibility of managing in access to the orders types.
   7. Download generated file to print.
6. 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. Fill info about yourself;
   5. View orders history;
   6. Create new request with the template from history.
7. Student can’t:
   1. Chatting with the faculty;
   2. Send request before filling own contacts;
   3. Send request for not available order types.
8. Automatic generation of orders by getting info from student account.
9. Existing F.A.Q. page.
10. Presentable index page with:
    1. Count of all orders
    2. Who we are?
    3. How it works?

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.