# 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:
   a. By email and password;
   b. Not social networks.

2) Faculty and students have:
   a. Own account page;
   b. Managing orders.
3) Faculty functionality are:
   a. Get requests from students to print orders;
   b. Get email notification after creating a new order for the faculty.
   c. Changing status of order;
   d. Download generated file to print.
4) Student can:
   a. Create order for:
      i. Sheet;
      ii. Reference.
   b. View the status of orders;
   c. Get email notification after changing order status by faculty administrator;
   d. View orders history;
5) Student can't:
   a. 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.