Requirements Document

1. Introduction

The name of the project is “STBarbershop”. This product is intended for fast enrollment for all people, who need barbershop’s services. Also it helps to simplify work process for employees by looking through their personal schedule. There are some abilities for registered clients site such as their personal statistics of barbershop visits, email notifications.

2 User Requirements

2.1 Software Interfaces

Frameworks:

1. Ruby on Rails (v. 5.0)
2. Bootstrap (v. 3)

Database modules:

1. PostgreSQL

Hosting:

1. Heroku

Programming languages:

1. Ruby
2. Java Script

2.2 User Interfaces

User interfaces are presented in mockup directory.

2.3 User Characteristics

Web-site is intended for:

1. Not-registered clients.
2. Registered clients.
3. Employees.
4. Admin.

2.4 Assumptions and Dependencies

Client can enroll during all day and night.

3 System Requirements

3.1 Functional Requirements

The project will have such options as:

1. Registration/Authorization:

- By email and password with email confirmation;

1. Abilities for not-registered clients:

* Read all information about barbershop.
* Can enroll.

1. Abilities for registered clients:

* Personal cabinet with:
  1. Personal info(Name, Phone, etc.).
  2. Personal statistics of visits.
  3. Settings to personal info.
* Email notifications about haircuts.

1. Employees abilities:

* Personal cabinet with:
  1. Personal info(Name, Phone, etc.).
  2. Work schedule.
  3. Settings to personal info.
* Can add new clients to schedule.
* Checking clients visiting.

1. Admin abilities:

- Can block, delete clients.

- Can add, delete employees.

- Can add, edit content of whole site.

3.2 Non-Functional Requirements

3.2.1 SOFTWARE QUALITY ATTRIBUTES

1. Responsive web design.

2. Result more than 80% of Google PageSpeed for all devices.

3. Fast processing of clients request.