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 possibilities for registered clients site such as their personal statistics of barbershop visits, email notifications, leaving comments about barbershop.

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 all people, who is familiar with internet.

2.4 Assumptions and Dependencies

Work with web-site is dependent of well-working internet connection on different platforms.

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. Possibilities for not-registered clients:

* Free access to web-site information.
* F.A.Q.
* Quick enrollment.

1. Possibilities for registered clients:

* Personal cabinet.
* Personal statistics of visits.
* Access to personal page settings.
* Email notifications about haircuts.
* Leaving comments for barbershop.

1. Employees possibilities:

* Personal cabinet.
* Whole access to personal schedule with enrolled clients.
* Access to personal page settings.
* Adding new clients to schedule.
* Checking clients visiting.

1. Admin possibilities:

* Blocking, deleting clients.
* Adding, deleting new employees.
* Adding, editing content of whole site.
* Answering on technical questions.

1. Web-site pages:
   1. Home

* Brief information about site.
* Enrollment possibility.
  1. News
* Fresh barbershop news.
  1. Services:
* List of services which barbershop provides.
* Links to others useful site items.
  1. Pricelist:
* Price list of provided services.
* Sales.
  1. Contacts:
* Barbershop’s phone.
* Names of responsible people.
* Layout of barbershop.
* Instructions “how-to-find-us”: public transport, google map.
  1. Sign in/up pages.
  2. Localization:
* RU/EN translation.
  1. Helping links:

- “Follow us” in social networks.

3.2 Non-Functional Requirements

3.2.1 SOFTWARE QUALITY ATTRIBUTES

1. Responsive web design.

2. High result of Google PageSpeed for all devices.