

SMARTSTYLE PROJECT

Sardi Shehu

Organizational Requirements

Environmental Requirements

SmartStyle application is planned to be stored in a Mac computer inside the salon on the second floor, where the office of the salon owner is located. The attributes of the Mac seems favorable enough towards being energy efficient to prevent accidents from happening from causes such as overheating of the computer's hardware, etc. As the system will firstly start as an inner Salon management system, with few to no clients, the current conditions are more than adequate to make the application work perfectly for the few employees. The power supply to the computer server will be uninterrupted as a small battery will be connected to it in case of energy blackouts and reinforced by standard and adequate cables.

When clients will be allowed to register and use the web application, additional hardware might be advised to increase performance in proportion to the number of users and information generated by the system. Periodical check-ups by the team will be performed to the system and the server will be secured from outside/physical occurrences, as well as internal occurrences such as malwares and other attacks, which will be secured with firewalls and antivirus, apart from the usual password-protected user.

Operational Requirements

The main basis of the operations of the SmartStyle web application is:

- (1) The CRUD operations on the tabular forms accessed mainly by the admin and accountant;
- (2) Creating, approving and editing of appointments booked or to be booked;
- (3) Operations with forms to get client data and perform with information called from invoices/bills; and
- (4) Viewing various information and statistics in different formats from the database.

The overall system of the application will be responsible to maintain and collect all the data, and demonstrate them in the adequate instances within it.

Development Requirements

These requirements consist of the front-end and back-end development aspect of the application system. For front-end will be used HTML, CSS, JS and Bootstrap, while for back-end will be used Php and MySQL.