Sabaq Management System

Software Requirements Specification

Version 1.0

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Revision History

Name	Date	Reason for Changes	Version
Murtaza Tin	April 19, 2012	Initial draft	1.0

Introduction

Purpose

This software proposal for the Sabaq Management System was created based on consultations with Mustafa Mandasorewala. The requirement list in this proposal covers a new management system that will enable administration of all aspects of asbaaq. This document will give an explanation of the system from both a business point of view and a technical point of view. It will also serve as sign-off document and as a reference for future consultations and enhancements to the system.

Intended Audience and Reading Suggestions

This document is intended for developers, project managers and end users of the system. It covers in detail the functional and non-functional requirements of the Sabaq Management System. Please refer to Appendix A for an explanation of terms that are unfamiliar.

Project Scope

We need to develop a system that can be used by our jamaat staff and mumineen to manage their asbaaqs. The system will be used by pupils and aalims to generate sabaq requests, by administrators to approve Sabaq requests that fulfill prerequisites, and by all users to view their attendance report and Sabaq completion status. The system should be easily usable by all staff members and help them do their job more effectively.

Overall Description

Product Perspective

The Sabaq Management System is being proposed so that the current manual process of managing asbaaq can be automated. The system will comprise of two modules.

- Web application module – The online website will be accessed by users to generate and view Sabaq requests, Sabaq completion status and view attendance report.
- Attendance module – This module will be designed as a desktop application that work in offline mode. It will be used to record attendance of teachers and students and mark sabaq as completed.

Product Features

As mentioned above there will be two modules of Sabaq Management System. One is online mode and other will work in offline mode.

- Online Sabaq Management System will be comprises of following features:-
  - Create and Manage User Account
  - View attendance report
  - Register books and Nisaab
  - Request and approve for Sabaq registration

        o   View all Ongoing and completed Sabaq.
- Desktop Sabaq Attendance System
  - Mark attendance who attend the Sabaq and who is giving the Sabaq.

User Classes and Characteristics

There will be three types of users of Sabaq Management System.

- Admin
- Sub Admin
- Member

Member

Member is one who is attending or willing to attend Sabaq. They are normal users and can perform following actions

- Create their profile
- View ongoing Sabaq with respect to
  - Nisaab
  - Instructor
  - Venue
- Request for Sabaq registration
- View his registered and completed Sabaq
- View his attendance report
- Receive notification about approval/rejection of Sabaq registration request.
- Can cancel Sabaq registration.

Sub Admin

Sub admin is one who is delivering Sabaq. He can perform following actions in addition to above Member level features.

- Create Sabaq
- Approve/reject registration request from member if member has completed pre-requisite Asbaaq.
- Attendance of the members who has registered in their Sabaq.
- View enrolled students who have registered in their Sabaq.
- Can cancel their Sabaq and if approved all registered member will automatically be cancelled for that Sabaq registration.

Admin

Admin is one who has authority to perform all actions. They can perform following actions in addition with above members and sub admin level features.

- Can create Nisaab and books.
- Assign books to Nisaab.

- Create Sub Admin
- Approve Sabaq teaching request (from Sub Admin).
- Approve Sabaq registration (from member) if they have not completed pre-requisite Asbaaq.
- Can view attendance history of all members and sub admin.