Lab Exercise 2 - BADAN KEBAJIKAN ISLAM KUMPULAN PRASARANA(BAKIP)

Instructions

1. Review the below requirements and the Slides on BAKIP.
2. Identify the main function of the requirements. Discuss.
3. Review each of the requirements below and identify issues on the requirements that need further improvement. Discuss and re-write the functional requirements.
4. Develop a use case diagrams based on the BAKIP project.

Introduction

BAKIP is a club for all Muslims' staff of PRASARANA Group (Monorel, Rapid, MRT). The objective of the club is to help the company in managing welfare and religious activities as to inculcate moral values and to develop spiritual and physical needs in an effort to increase company's productivity and maintain harmonizes relationships among the staffs.

Currently, they have no system to manage the registration of the club's members and to manage the benefits entitled by the club members. Thus, the registration and the claim for benefits take a long time to process. They also have difficulties to track each of the club member. This has become major problem especially during annual general meeting where they need to report on current status of the club.

As for the claim, it takes time for the members to receive the benefits after they have logged the claim. There are also cases where the submitted claims were not processed due to the loss of the forms.

Project Objective

For the improvement of the club's management, they have proposed a system for the administrator to manage on registration and claim process. The system should also help the administrator on the reporting of current status of the club.

The objectives of the project are: -

- To develop a platform to systematically manage the activities of the club and club member's profile which includes the registration and claim process, and to easily access the summary of the club status.
- To improve the management of club's activities, and registration and claim process of club members
- To bridge the communication gap between the club members and the club committee

Functional Requirements

Registration

- The system should be able to do the pre-registration process which only include minimal information
- The system should be able to do a full registration process to capture the member's profile.
- The system should allow the user to update on completed registration process – After the salary has been deducted for registration process.
- The system should allow for editing/updating of member's profile.
- The system should be able to notify the members through SMS when the pre-registration and complete registration process is completed.

Claim

- The system should be able to pre-log a new claim process which only include minimal information
- The system should be able to complete the claim process.
- The system should allow for editing/updating of logged claim.
- The system should be able to update the claim status.
- The system should notify the user through SMS when pre-log of claim is completed, and the status of the claim logged.

Club Activities

- System should be able to register activities planned for the club
- System should be able to edit the planned activities
- System should be able to send SMS to all club members on the planned activities and updation on the activities

Reporting

- The system should be able to display the summary on the following: -
    - The total number of club members by subsidiaries of Prasarana
    - The total number of newly registered members by month and by by subsidiaries of Prasarana
    - The total number of claim for each benefits by month and by status of the claim
    - The total number of activities by month