1. **Introduction**
   1. **Purpose**

The purpose of this system requirement specification is to details and describes the features and behaviour of the e-Donation Application. This document contains all the information needed to develop e-Donation Application such as intended audience, limitation of the system, constraint to develop the system, functional and non-functional requirement of the system and the interface requirement of the system.

* 1. **Intended Audience**

1. Project Manager: As a guideline to develop e-Donation Application and track the progress of the develop.
2. System Analyst: Evaluate the project need and identify the appropriate solution for the development of e-Donation Application.
3. System Designer: System Designer will refer the user interface requirement in order to design the interface for e-Donation Application.
4. Programmer: As a guideline to refer the requirement for the system in order to program the functionality required in e-Donation Application.
5. Client: Client will be reference either e-Donation Application that will be produced meets their needs and requirement
   1. **Project Scope**
      1. Input

* Donation Information
* Applicants Information
* Program Information
  + 1. Output
* Report of donation request by Organization/Department
  + 1. Data

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| --- | --- |
| **Input** | **Data** |
| Applicant information | Name  IDNo  Password  ICNo  PhoneNo  Email  UserType |
| Donation Information | IDNo  ApprovalStatus  AmountOfDonation  ProgramID |
| Program Information | ProgramTitle  ProgramID  DateOfProgram  AmountOfStudentInvolve  Attachment  Organization/Department |

* + 1. Function/Process

1. User authorization by using IDNo and Password for applicants and manager of the system which is members of Koperasi KPMB.
2. Maintain (add, delete, update) donation request
3. Maintain (update) member and Applicant’s Information
4. Print/Generate report of donation request
5. Record donation request
6. View Donation Approval
   * 1. Users
7. Member of Koperasi KPMB
   * Enter system by using IDNo and Password
   * Maintain (add, delete, update) the Donation Request
   * Print/Generate report of donation request
8. Applicants
   * Enter system by using IDNo and Password
   * Maintain (update) the Applicant’s Information
   * Record donation request
   * View Donation Request Approval
   1. **Limitations**

The system could not set the limitation for the donation request per day. The applicant has to check their donation approval status through the system constantly because there is no automatic notification such as email or phone message that can notify their approval status.

* 1. **Constraints**

The constraints for this project are time and budget. The project must be finish by the due date. If the project does not be completed by the deadlines of the development, this will affect and increase the budget for the project as there will be the additional cost in each of the extended day or months.

* 1. **References**

None

1. **Specification for Environment**
   1. **Requirements**
      1. Functional Requirements
         * User authorization by using IDNo and Password for applicants and manager of the system which is members of Koperasi KPMB.
         * Maintain (add, delete, update) donation request
         * Maintain (update) member and Applicant’s Information
         * Print/Generate report of donation request
         * Record donation request
         * View Donation Approval
      2. Non-functional Requirements
         * Backup requirement: All data in the system will be backed up 2 times a week to the server
         * Security requirement: The system will be implemented with SSL (Secure Socket Layer)
         * Recoverability requirement: The system will be able to recover automatically if crash happened.
2. **External Interface Requirements**
   1. **User Interfaces**
      1. Consistency in each page: The system’s language, layout, button and navigation menu will be consistent in each page to make sure that user can use the system efficiently.
      2. Simple Interface: The system will use simple and clear elements to ease users to use the system and all the words used in the system are easy to be understood.
      3. Colour and texture: The system will use contrast and light colour for the background to make sure users can read the words in the system clearly. The colour used for the background is white while for the words is black.