

**Project Proposal of  
Program Office Accounting Software (POAS)**

**Course: SE-505: Software Project Lab-II**

**Prepared by**

Farina Faiz	BSSE-0406
Md. Arafat Zaman Anik	BSSE-0410
Prianka Mandal	BSSE-0417

**Submitted to:**

Dr. Kazi Muheymin-Us-Sakib  
Associate Professor  
Institute of Information Technology  
University of Dhaka

**[20.02.2014]**

## Table of Contents

<b>1. Overview</b>	<b>3</b>
1.1 General information about accounting software	3
1.2 Background	3
1.3 Scope	4
1.4 Assumptions and Constraints	4
<b>2. Project Description</b>	<b>5</b>
<b>3. Project Objectives</b>	<b>5</b>
<b>4. Project Goal</b>	<b>5</b>
<b>5. Timescales</b>	<b>6</b>
<b>6. Summary</b>	<b>7</b>

## **1. Overview**

This document provides an overall description of accounting software that we have chosen as a project for Software Project Lab-II. In this section we will discuss general information about accounting system, reasons for choosing accounting software as a project, scope and the assumptions and constraints of this project.

### **1.1 General information about accounting software**

Accounting software is a computer based system or application that is used by accountants to manage the accounting operations. The purpose of accounting system is to accumulate data and provide decision makers (accountants, managers) with information. Accounting software can range from simple, single-entry programs used for individual record-keeping to more sophisticated such as double-entry systems that can process accounts receivable, accounts payable, payroll and inventory among other functions.

### **1.2 Background**

Today most business companies and institutions use accounting software to keep the accounting records and transactions because of the developments in computer technology. Educational institutions can also use such software to automate their financial work. There are many reputed educational institutions that still perform their official as well as economic functions manually. Similarly, our institute (Institution of Information Technology) does not have any automated system to manage the financial work. So we have decided to develop an accounting software as our project.

It is obvious that an accounting software is much better than the manual working system. It will remove the process of paper-based recording of the financial information which is time consuming and less secured. It will also make the tasks of the users more easy and comfortable.

### **1.3 Scope**

Our project scope determines what we are going to do and our limitations related to this project. To develop the software we will perform the following tasks:

- We will provide the access to the program chair, accountant and assigned coordinators.
- There will be the options for inserting, deleting and updating the existing accounting information.
- The software will be developed with java language.

After developing this software we will not provide any kind of tools or environment needed for this software. The software will not be developed as a web application.

### **1.4 Assumptions and Constraints**

While providing the software, it will be assumed that the users have the necessary equipment and environment to operate and install the software.

Constraints are the items that can make our work more challenging. Firstly, we do not have unlimited time to develop this project and it is very challenging to complete the whole project properly in the required time. Secondly, our software will be supported only by Microsoft Windows. It means that this software will not work in other operating systems like Linux, Mac etc. Finally, the installation process of this software will be performed by the users themselves.

## **2. Project Description**

We named our accounting software as Program Office Accounting Software (POAS) which will be used to maintain the expenditure for running programs (such as Bachelor, Masters) in IIT. None but the permitted users will get the access to this software. There will be a system in which the software will be installed and the users will be able to insert data, update and delete them if

necessary. The accounting system will cover several sectors in which the data will be recorded and the users will be allowed to select an option to make the accounting operations perform automatically.

### **3. Project Objectives**

The objectives of a project can be technical and nontechnical. The technical objectives are the following:

- This project will enable us to boost up our skills in implementing logic.
- We will get the opportunity to increase our knowledge in Software Requirement Specifications (SRS).
- As the project will be implemented with java, it will help us to make a clear concept of Object Oriented Programming (OOP).

The nontechnical objectives are the following:

- Team work.
- Good communication among the group members.
- Sharing knowledge with each other.
- Increasing business communication skill.
- Efficient use of time.

### **4. Project Goal**

The main goal of this project is to automate all the accounting functions of IIT. Managing the financial work is very important for any business or institution but it becomes tiring and time consuming while managing it manually. Our project will reduce the effort of people who are in charge of maintaining financial operations.

## 5. Timescales

We have to complete this project within a required time. That is why we divided all our activities and represented them in a chart with estimated time.

<b>Task</b>	<b>Required Time</b>	<b>Expected Finish Time</b>
Project Proposal	From the beginning of group formation	20-02-2014
Proposal Acceptance	01 day	
Software Requirement Specification	20 days	11-03-2014
SRS Acceptance	02 days	
Project Design	19 days	5-04-2014
Design Acceptance	02 days	
Coding & Component Testing	15 days	16-04-2014
Project Component Integration	06 days	22-04-2014
Integrated Project Testing	15 days	7-05-2014
Finalizing	04 days	11-05-2014
	Total: 90 days	

## Gantt Chart

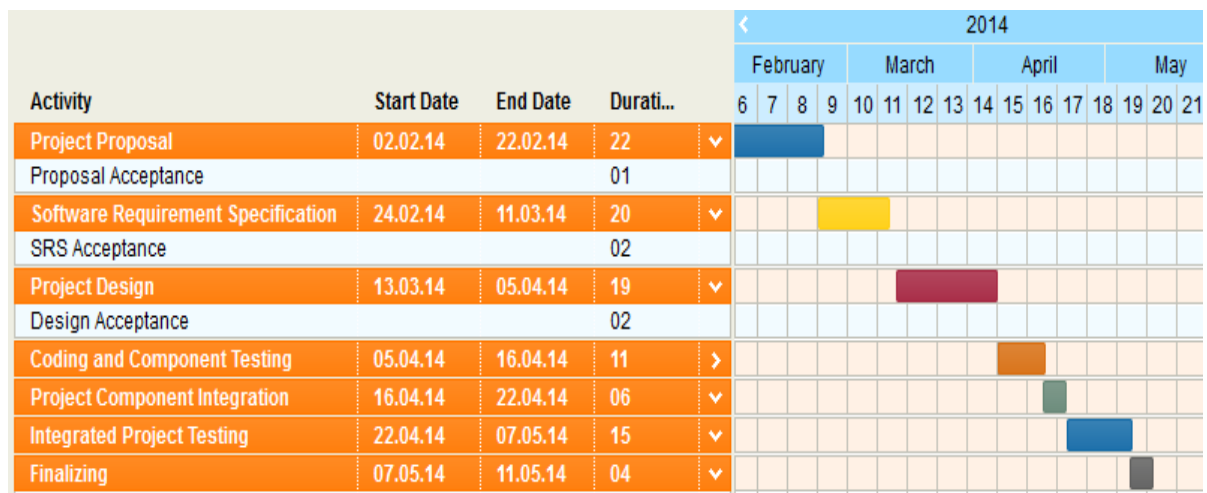


Fig: Gantt chart of project activities

## 6. Summary

In this document we have discussed our project overview including project background, scope, our limitations, project objectives and shared a brief description of the project. While preparing this document, we had to share our ideas with each other and make a plan how to complete our work in the given time. Our next step will be to prepare the SRS of this project.

