Software Project Management Plan

Introduction

Project overview

The purpose of this project is to develop a software product that will assist universities in organizing student data. In addition, students will also be able to access their information in order to keep track of grades and registered classes. The Student Information Management System will allow students to view their student ID, name, registered courses, exam grades and GPA. In addition, administrators will be able to view, add, and modify student ID, name, registered courses, exam grades and GPA. Students will only be allowed to view their own information.

Project Deliverables

The complete product will be delivered on April 30th, 2017.

Schedule and Budget Summary

Place holder

Evolution of the SPMP

Place holder

Reference Materials

Object‐Oriented & Classical Software Engineering, 8th edition, Stephen R. Schach

Definitions and Acronyms

SIMS Student Information Management System

Project Organization

Process Model

Organizational Structure

The development team consists of Brian Campos, Ben Herrera, Christina Havel and Mark Stenmark

Boundaries and Interfaces

Roles and Responsibilities

All team members will work together to analyze and design the database and GUI. Christina will construct the documentation artifacts during each process. Ben will implement the analysis artifacts. Brian and Mark will implement the design artifacts. Mark will construct the database. Ben and Brian will construct the GUI. Brian is also constructing the test cases for the product. Christina will implement the sequence diagram and collaboration diagram with the help of Ben and Brian.

Managerial Process

Management Objectives and Priorities

Assumptions

Dependencies and constraints

Risk Management

Monitoring and Controlling Mechanisms

Staffing Plan

Technical Process

Methods, Tools and techniques

Software Documentation

Project Support Functions

Work Packages, Schedule and Budget

Work Packages

Dependencies

Resource Requirements

Budget and Resource Allocation

Schedule