

Project Plan

Computer Science Gradebook

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1. Introduction

The Project Plan document for the Computer Science Gradebook will be used to provide a statement of how and when the project's objectives will be achieved. Included in the document are: Statement of Work, Resource List, Roles, Risks, and Schedule.

2. Statement of Work

The client, Computer Science Department, has requested us to develop a website with two main purposes. First, students will be allowed to check their grades of all of the computer science courses they are enrolled in. Second, students will also be allowed to submit their course assignments electronically via website. Teaching Assistants will be responsible for creating/inserting the grades for each individual student in the course as well as creating the submission for each assignment for each course that they are assigned to.

3. Resource List

In order to create the website, several resources must be acquired by the team to accomplish the task:

- 1) Computer Science Department Server (Linux Server)
- 2) Personal/CS Lab computers for programming (Linux/Windows XP Operating System)
- 3) Web-based programming tool (PHP)
- 4) Database software (MySQL Sever 2008)
- 5) Internet Access (LAN/Wi-Fi)
- 6) Paper/Online resources

4. Roles

With such a limited amount of personal to accomplish the project, each team member will be responsible for multiple roles in order to complete the project on time.

Role	Team Leader
Member	Pat Keller
Description	This person is responsible for managing the team. He is responsible for contacting the client about any updates/issues that occur throughout the project. Ensures all deadlines are completed.

Role	Programmer
Member	Pat Keller, Charles Missi
Description	The programmer is responsible for writing the code for the project.

Role	User Interface Designer
Member	Pat Keller, Charles Missi
Description	These individuals will be responsible for designing a graphical user interface for the CS Gradebook. This is a key role since the individuals are developing a web page and as such, the interface must be clean.

5. Risks

This section contains many of the risks involved with creating such a big project with limited personal. Being able to identify these risks right now will allow us to prepare ourselves ahead of time so that when we begin programming, these risks will not be as critical as they once were.

Risk	Probability	Impact	Action
Unfamiliarity with specific programming languages.	100%	Not knowing the programming languages we will be using will cause a major breakdown in our schedule and would result in a stoppage of all work.	Familiarize ourselves with the languages that we will be using so we will be prepared.
Unfamiliarity with Linux Administration	100%	Since the server is ran on a Linux Server, not understanding how a Linux Server operates would cause major problems.	Familiarize ourselves with several Linux Administration operations via website/books so we can be prepared for any problems that might occur
Team Availability	50%	Being unable to meet as a team would cause us to be behind in our schedule because of our conflicting schedules.	Try to find anytime, even if it is very brief, to discuss what we have accomplished and what we will need to accomplish in the future.

6. Schedule

The Gantt Chart below is a tentative schedule of our plans for the remainder of the current semester and next semester. We will be using this schedule to make sure we stay on focus, however; plans are not set completely and therefore might be changed before spring semester begins.

Computer Science Gradebook Gantt Chart			
Tasks	Start Date	Duration(Days)	End Date
1 Planning/Design	11/10/2009	35	12/15/2009
1.1 Project Definition	11/10/2009	7	11/17/2009
1.2 Finish Webpage	11/17/2009	23	12/10/2009
1.3 Project Design	11/17/2009	28	12/15/2009
2 Coding	1/11/2010	88	4/9/2010
2.1 Phase 1	1/11/2010	42	2/22/2010
2.2 Phase 2	3/7/2010	12	3/19/2010
2.3 Additional Features	3/26/2010	14	4/9/2010
3 Testing	2/22/2010	58	4/21/2010
3.1 Phase 1 Testing	2/22/2010	11	3/5/2010
3.2 Phase 2 Testing	3/19/2010	7	3/26/2010
3.3 Final Testing	4/9/2010	12	4/21/2010
4 Documentation	4/21/2010	16	5/7/2010
4.1 User Guide	4/21/2010	12	5/3/2010
4.2 Presentation	5/3/2010	4	5/7/2010

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