

Project Plan

Project Information

Project: Engrade Quizzes

Project Time-frame: February, 10th 2012 –

Attached worksheets: Plan > Resource needs

Related Documents: [Project proposal](#) > [Target audience and benefits](#)
[Software development methodology](#)
[Glossary](#)

Summary of Project

This is an application of website engrade.com which create quizzes for students to take online. Automatically graded. Use for practice or save to your gradebook.

Summary of Methodology

General development approach

The project aims to make conveniently quizzes using in exams for teacher. Furthermore, the application enables online examination which is economic than traditional testing in education. We believe that our product provides a necessary tool for improve study attraction.

KEY PRACTICES:

- Continuous Integration
- Weekly status reporting

Project organization

The development team will consist of 6 members:

1. Nguyễn Đợi Thành – leader
2. Đặng Trần Thái
3. Nguyễn Đức Mạnh
4. Nguyễn Khánh Thi
5. Trần Đình Thanh
6. Đỗ Xuân Quý

Development and collaboration tools

We plan to use the following tools extensively throughout the project:

- Project website:

- Project mailing list:
- Issue tracking system: github.com
- Version control system: github.com
- Automated build system
- Automated unit test system

Changes control

- Requests for requirements changes will be tracked in the issue tracker
- After the **feature complete** milestone, no new features will be added to this release.
- After the **code complete** milestone, no entirely new product source code will be added to this release.

Updating plan

This project plan will be updated as needed throughout the project. It will be placed under version control and instructions for accessing it will be on the project website. Any change to the plan will cause an automatic notification to be sent to a project mailing list.

Work Breakdown Structure and Estimates

Step	Description	Estimate
1.	Preparation	
1.1.	Developer training	1 week
2.	Inception	
2.1.	Requirements gathering	3 days
2.2.	Requirements specification	2 days
2.3.	Requirements validation	1 day
3.	Elaboration	
3.1.	High-level design	2 days
3.2.	Low-level design (break down by component)	
3.2.A.	Object design	1 day
3.2.B.	User interface design	3 days
3.2.C.	Database design	3 days
3.3.	Design review and evaluation	2 days
4.	Construction	
4.1	System implementation	
4.1.A.	Implement COMPONENT-NAME ...	
4.1.B.	Integrate Components (mostly done during component implementation)	½ day
4.2.	Technical documentation (break down by component)	2 days
4.3.	User documentation (break down by component)	1 week
4.4.	Testing	
4.4.A.	Test planning	1 day
4.4.B.	Test code implementation (break down by component)	3 days

4.4.C.	Test execution	1 day
4.5.	Implementation review and evaluation	2 days
5.	Transition	
5.1.	Release packaging	½ day
5.2.	Documentation for other groups	3 days
6.	Reflection	
6.1.	Postmortem report	1 day
	Total	5 weeks 4 days

Deliverables in this Release

Deliverable Names	Description	Delivery Date
	The application is runnable & has 3 use cases	March, 16 th 2012
	All main use cases are completed	April, 20 th 2012

Schedule for this Release

Task \ Week	W-01	W-02	W-03	W-04	W-05	W-06	W-07	W-08	W-09	W-10	W-11	W-12	W-13	W-14	W-15	Task Total
1.	84	84														168
2.			72	72												144
3.					30	30	30	30	30	30	30	30	30	24		264
4.1.																
4.2.							8	8	8	8	8	8				48
4.3.							21	21	21	21	21	21	21	21		168
4.4.				12	12	12	12	12	12	12	12	12	12	12		120
4.5.					6	6			6	6	6		6	6	6	48
5.					16	8				16	16			16	12	84
6.															24	24
Weekly Totals	84	84	72	72	64	64	71	71	77	93	93	71	77	93	117	1068

Risk Management

Please see the [risks worksheet](#)

Project planning Dependencies

Conflict of compete

The resources for this project is delivered completely

Resource allocation

This is the first release of this product, the human or machine resources will totally spend on developing this release and we will not plan the next release

Dependencies

This project stands alone and is not producing any components that will be used in other current projects.

That is all important dependencies for this project.