

Team Seven SP1 Project Charter

*Eric Sundquist, Jeremy Szyba, Shane Taylor, Charlie Thompson, Matt Yale,
Jasmin Zehic*

[Project Title](#)

[Project Manager](#)

[Project Sponsor](#)

[Customer](#)

[Stakeholders](#)

[Start Date](#)

[End Date](#)

[Purpose](#)

[Goals and Objectives](#)

[Schedule Information](#)

[Financial Information](#)

[Project Priorities and Degrees of Freedom](#)

[Approach](#)

[Constraints](#)

[Assumptions](#)

[Success Criteria](#)

[Scope](#)

[Risks and Obstacles to Success](#)

[Signatures](#)

Project Title

title TBD

Project Manager

Matt Yale

Project Sponsor

Gwen Richards

Customer

Commerce Bank

Stakeholders and Expectations

Commerce Bank representatives (Jeremy Best, Paul Perry, Gwen Richards, Sarah Withee)
Expect to receive code which solves the problem being posed, performs well, is reliable, easy to understand, and maintainable. Expect a professional presentation from the group.

UMKC Program (Eddie Burris)

Expect to have students learn about the software development process. Expect to have Commerce Bank satisfied with the level of work received.

Students (Eric Sundquist, Jeremy Szyba, Shane Taylor, Charlie Thompson, Matt Yale, Jasmin Zehic)

Expect to be given clear instructions on the nature of the problem to be solved and to have communication from the project sponsor when needed. Expect to receive timely feedback and instruction when needed.

Start Date

08/31/2015

End Date

12/11/2015

Purpose

purpose TBD

Goals and Objectives

- Deliver a product that delights the customer
- ...without alienating our teammates
- ...while applying established principles and practices of software engineering

- Deliver at minimum one clear new feature with each iteration

goals and objectives

Schedule Information

August 26, 2015	Establish team roles
September 2, 2015	½ of project charter
September 9, 2015	Requirements meeting with Commerce Bank
September 11, 2015	½ of project charter
September 16, 2015	Product backlog
September 16, 2015	Use cases
September 21, 2015	Requirements document
September 23, 2015	Technical prototype
September 28, 2015	Iteration 1 begins
October 7, 2015	Project plan
October 11, 2015	Iteration 1 ends
October 12, 2015	Iteration 2 begins
October 12, 2015	5 minutes status report
October 14, 2015	Customer approved UI prototype
October 15, 2015	Demonstration
October 25, 2015	Iteration 2 ends
October 26, 2015	Iteration 3 begins
October 28, 2015	Architecture document
November 2, 2015	Mid-semester review with Commerce Bank
November 8, 2015	Iteration 3 ends
November 9, 2015	Iteration 4 begins
November 9, 2015	Testing assignment
November 11, 2015	Code inspection
November 18, 2015	Usability test
November 29, 2015	Iteration 4 ends
November 30, 2015	Iteration 5 begins
December 2, 2015	User guide and system documentation
December 7, 2015	Project due - code freeze
December 9, 2015	Presentation rehearsal
December 11, 2015	Final presentation at Commerce Bank

Financial Information

No payments are being made for this project.

The limiting resource is the time of our six team members.

Each member is expected to work on the project an average of six hours weekly, but on any given week will commit to working no less than three hours. We can therefore predict that, over the fifteen weeks of the project, our team can commit ~540 hours to the project.

Project Priorities and Degrees of Freedom

The schedule as shown above is inflexible, as the entire project must be contained to this semester.

There is some flexibility on the amount of hours each student is able to put into the project, as well as in the roles the students have chosen for themselves.

Project features may be expanded or constricted in direct relation to the timeline allowed and the amount of time each student is able to place into the project.

project priorities and degrees of freedom

Approach

The project is overall being guided by the schedule as set forth by the course requirements. Additionally, the project manager is responsible for directing the efforts of the team toward a successful project completion.

The semester is divided into six time frames. The first time frame is set for project planning, establishing requirements, team roles, use cases, story backlog, prototyping, etc. This is followed by five iterations. The first few iterations will focus on functionality and adding features, while the later iterations will focus on stability, testing, on-going maintainability, and adjustments based on client feedback. The end of the project will be marked by providing a user guide and extensive system documentation as needed.

Constraints

.Net 4.5 is the current version of the code our team will be inheriting. If the project is stand alone, and no ripple effects will come out of the change, we will attempt to upgrade to 4.6 if our sponsor agrees and we establish no risk.

We must meet the requirements given by our sponsor before adding additional features. Our code must be able to integrate into the customer's existing code.

We must communicate any additional features to the sponsor to ensure that they are desired, before adding.

Different teammates have varying schedules so we are constrained to a limited amount of face to face time per week.

constraints

Assumptions

It is assumed the customer will provide a thorough explanation of the problem domain and give clear guidelines on acceptable solutions. It is assumed that the customer will remain in contact with the team throughout the semester.

It is assumed that the team will write software to the best of their ability, but ultimately the software and its risks will belong to the customer. Software will be provided as is, with no implied warranty. Our team, and all individuals on it, cannot be held legally responsible for anything the software does or does not do. **assumptions**

Success Criteria

A deliverable product that is easy to set up and use. That incorporates the desired features of the client. The product must be crash free, and must maintain accurate data.

success criteria

Scope

scope??? TBD

Risks and Obstacles to Success

Our team is not experienced with web-based applications and the asp.net environment. It will take time to get everyone up to speed with technologies such as bootstrap, jquery, razor, etc.

4.5 to 4.6 conversion might carry risk, proper impact analysis should be done before finalizing such a change.

Managing time efficiently and breaking features into manageable stories will be key to product delivery.

risks and obstacles to success

Signatures

Project Manager

Project Sponsor

Customer

Team Member

Team Member

Team Member

Team Member

Team Member