

CS 488 Team Status Report

Do not change the format of this document.

All team members contribute to this document, but only the team captain submits it.

Sprint Number

2

Team Number

3

Your Name (Captain)

Fred Vela

Other Team Member Names

Travis Melcher

Jesse Cummins

Logan Brooke

What you said you would do in last report

In our last status report we said that we would be researching costs for different network splitters and card readers to find what would be most cost effective for our client as well as performing research on what we would need to do in order interface the card reader with the software. We also said that we be trying to get access to the clients server and website so that we could try to make a mockup of the database and the website. Additionally, we said that we would rework our flowchart and software implementation ideas and make up use cases and requirements.

What you actually did

We have a basic skeleton of our SRS and use cases created and have begun filling it in. Our team was given a brief overview of the card-reader system currently used by the EWU Athletic Department by a team of Seniors enrolled in CS490. We gained insight the architecture of card readers and gave consideration as to how that related to our project. We started creating a working prototype of the winery software as well. We also reworked our flowchart and software implementation ideas. We familiarized ourselves with the various GoDaddy options and looked at e-commerce options. We started researching card readers for our client and found what we think is a fairly cheap option at \$50 a reader. We contacted Tom Capaul about using the DreamSpark provided Visual Studio, and he had this to say about it, "I would say that since you are doing work right now AS students on a CLASS project, you are fine. Once you are beyond that and are working on marketing what you have developed, then you should no longer use Visual Studio via the MSDNAA." This is what we are going to proceed with, and if necessary, we will port over to VS Express or Mono.

Easiest aspects to understand

The easiest aspects to understand are what we need for software and our front end website as well and the information that we need to import into our database.

Hardest aspects to understand

The hardest aspect to understand is what we need to do to implement the e-commerce that will be required for customers to purchase tastings as well as what sort of security we need to implement to protect data.

Easiest aspects to approach

The easiest aspect to approach thus far has been the building of the database. Some of our members have experience building webpages on a shared web host using ASP.NET.

Hardest aspects to approach

The hardest aspect to approach like the hardest aspect to understand is the e-commerce as none of us has

worked with this. We have identified that there are a number of payment options, yet until we log into server, we will not fully understand how to use it.

Easiest aspects to solve

The easiest aspect to solve has been the software implementation as it is much easier to implement than we had expected.

Hardest aspects to solve

The hardest aspect to solve has been figuring out what we need to do to implement e-commerce.

What you're going to do for next iteration

We are going to work further on the SRS document and have a small prototype of our software, front-end, and database for our client to look at. We are also going to be working on getting Github working on our ends and are going to do further research on what we need to implement an interface between the card reader and the software. Perhaps we request a card-reader from the school if there are any surplus readers on campus, or we ask the client to provide a card reader. We should have some sort of paper GUI, so that the client can begin to conceptualize the look and feel of the project.

Who's assigned to do what

We will all be working on the SRS and Github.

Travis Melcher is assigned to work on the front-end and back-end.

Jesse Cummins is assigned to work on the software.

Fred Vela is assigned to work on the card reader interface and the back-end design.

Logan Brooke is assigned to work on integration with GoDaddy, and a mockup-GUI to show the client

Status of progress toward final goal

We feel that we have about 20% of our final goal completed.

Any issues

We have no issues at this time.