Sprint Report 1

VTP

Team members:

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Client:

Nick Newell of EchoStar

Customer Description and Overview:

Video Tag Portal (VTP) is a video sharing web application that is geared toward social networking with videos. The application will contain the materials necessary to make a "tagged" video. A "tagged" video will have on or more of the predefined tags that will be available to the user. The original product description is as follows:

*"The amount of video content being generated, shared, and consumed is increasing exponentially by the day. However, there doesn't seem to be a good way to flexibly associate user-generated tags with the real-time video to create a social video experience. For example, there is no way to tag your friend, Frank, at the 23 second mark of your Facebook video as he does a handstand on top of Mt. Elbert and then make a comment on his handstand technique. There is also no way to associate a still photo of Frank doing the handstand so that it pops up next to the video in real-time when the video hits 23 seconds in. We lack one place online where everyone can go to watch any video and then make their personal contribution so that subsequent viewers can enjoy a social video experience together. This exists in many forms for still images and is extremely popular. Let's create that place for moving images." – **provided from product list on the senior design web site.***

Project Environment:

Project Boundaries:

Some of the boundaries found at this current time are the access to video information in flash videos. There are also boundaries with the scale that we will be able to test upon because we do not have the database size to fully test the entire project.

Technical Environment:

Considering the background and requirements for the project we have decided to implement the software in HTML5, CSS3 and JavaScript, use PHP for server-side scripting and MySQL for database management. To support tagging videos hosted on YouTube and Vimeo we

would be using their libraries, for liking and sharing favorite videos user accounts will be linked to one or more major social networking sites like Facebook, Google+, etc.

Project Deliverables:

The prototype will just be an outline of what is to come in the future of the product.

Outline of sprint 1:

1. The prototype
2. Finish Client Agreement
3. Prepare Client Presentation

Outline of overall project Backlog:

The backlog so far:

1. Play videos in a web application
2. Play videos from major video streaming sites (YouTube etc.)
3. Database for storing video information after initial video
4. Social network ready
5. Selecting video tag points
6. Create the list of tag types
7. The list of tags needs to be dynamic enough that they can be edited
8. Filters
9. Possible mobile development

Foreseeable issues or problems:

1. Problems with connecting with other sites may have some issues.
2. Getting mobile development to work might be difficult.
3. Organization of code and documentation