CSC 482

Saint Martin’s University

Mid Term Report

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# Identify the Client

My client is Todd Weidenfeller, a small business owner in Fort Myers, Florida. Todd owns a small, commercial truck dealership without a real online presence. Todd currently lists all his trucks for sale on Craigslist and is seeking a way to improve his online presence and make his dealership more prominent in the area.

# Client’s Requirements

Todd specified that he needs a website. The requirements for the website are as follows:

* Website displays current inventory with pictures
* Website provides a way for clients to communicate with him
* Website provides a way for the client to update his inventory and have the website reflect that
* Website should be low maintenance for the client
* Website should be simple to use
* Website should be cheap to operate and maintain.

# Project

This project will attempt to meet all requirements set by the client. The project will be a website connected to a SQL Server database. The website will have a login page that will not be visible to the public. The login page will redirect the client to a dashboard where he can update his inventory and upload photos to display for the inventory. All data, including the photos, will be stored in the attached SQL Server database. The front-end of the website will have an inventory page that will display a JS Datatable consisting of the client’s inventory. The website will also feature an ‘About me’ page and a ‘Contact me’ page.

The project will be built within Visual Studio and SQL Server. The project will be built around Microsoft’s Model View Controller (MVC) Framework and will utilize Entity Framework to communicate with the SQL Server database. The project will feature vanilla Javascript and JQuery on the front end.

# Obstacles

The project is relatively straight forward and have not run into many obstacles yet. The main obstacles are time related due to this being a one-person team and the project is relatively complex. The solution is going to be meeting the client’s requirements first and foremost and then perfecting the project through refinement once the overall goals have been accomplished and the client is satisfied with the functionality of the project.

# Milestones for CSC 482

* Complete Database Design (Early November)
* Complete Datatables functionality (Mid November)
* Complete front-end functionality (Mid November)
* Complete front-end design (Late November)
* Launch web app on server (Early December)
* Testing (Early December)
* Full launch (End of December)