Capstone Final Project Idea Document

## Instructions: Answer the following questions as detailed as possible (think paragraphs…not words or sentences). It is important that I understand everything. If you think your answer to any question could be vague, then provide more detail. Remember, spelling and grammar count.

Team Name: Team B

Student(s) Name: Jason Cope, Cole Whitaker, Adam Broderick

Project Name: Landscaping Services idea

# Provide a description of your project. Be as detailed as possible.

This project will be focused on creating a website/application for our own landscaping services company or someone’s landscaping services company. The web/app would include different facets like a list of the services offered; Lawn mowing, Mulching, building decks/patios, tree removals etc. We would also include pages for customer reviews, galleries with before & after photos of yards, a place to schedule landscaping appointments, a list of our services we would provide and a contact information form. We would also include pages for buying products we sell.

# What problem or need does it solve? Technology should only be developed if it is a good investment. What tangible or intangible benefit can you foresee once this project is implemented?

This problem solved for the company would be a streamlined network of customers and ease of access for valuable services and products provided for the customers. The benefits of creating a website for the company are to create a steadier flow of business and more ways of advertising than just cold calling. The benefits also allow customers to schedule appointments easier and faster.

# Provide a short explanation of how you see the finished application working. Note: it is expected that the project will incorporate the 4 aspects of crud.

We would create the web/app that includes our landscaping services, storefront and reviews. The employees working at this company would receive and read the scheduled appointments and products bought along with reading reviews and ratings. We would update the information according to the stages at which the appointments scheduled are, update the point at which an order is being processed update reviews that have been submitted and update the services available, then we delete the amount of stock we have for products sold, archive completed appointments and delete or archive any services we do not provide any current moment in time.

# This project requires you to collect requirements from a user or a representative of users who will ultimately use the application. Who will you gather these requirements from and how?

We would collect requirements from the company who, might be us or someone else’s, wants the website made and the customer demographic for what requirements they would want from us as well. We would gather these requirements by asking these people questions like what they feel about subscription plans for consistent services, and asking the company what kinds of administrative aspects of the website they would want.

# What risks do you see in pursuing this project? Meaning, are there risks that could prevent you from completing this project successfully?

The risks would most likely be the upfront cost of buying the product we would need to make a landscaping services company work and figuring out how to estimate quotes for how much a project is going to cost, as giving a wrong quote and making wrong calculations could result in distrust in the company and would need to avoid distrust at any cost.

# What technologies do you plan to use to complete this project? That is, .NET, PHP, SQL/Server, etc???

We could use Python for the web/app processes and GUIs itself, and SQL servers for the database; that or MySQL for the database and C# could also be the processes and GUIs or Java.

# Is there any additional considerations that should be discussed about this project prior to approval?

I’m fairly certain there isn’t, though I would ask the same question as a team member of database hosting services to store data or locally stored databases.