**Step Into Science Teaching (STEP)** is an ongoing project, directed by Dr. Steven Thompson, that is centered on science teacher professional development that provides science-related videos and other resources to better serve teachers.

**Project Description**

This is an ongoing collaboration between the USC College of Education, USC Center for Science Education (Arts and Science), and multiple high-need school districts.

**Project Mission Statement**

This is an ongoing collaboration between the USC College of Education, USC Center for Science Education (Arts and Science), and multiple high-need school districts.

**Key Stakeholders**

- Dr. Stephen Thompson
  - thomp374@mailbox.sc.edu

**Specific Client Needs**

1. Make appropriate resources more easily accessible for the users.
2. Update and modernize the website.
3. Provide better navigation/interactivity for the user.
4. Educate the client to be able to add/edit content on his own.

**Product Development & Deliverables**

**Project Deliverables**

1. Redesign content for web pages.
2. Redesign navigation for website.
3. Instruct the client on updating and adding new content.

**Project Success Factors**

1. Update the website content and navigation.
2. Collaboration with client to update the format, content, and train client on use of website.
3. Receive approval from client on content and design of website.

**Project Budget**

- **Anticipated (Time) Budget**: 180 hours = $180
- **Actual Project (Time) Budget**: 140 hours = $140

**Lessons Learned**

- I learned that it is easier to work with a collaborative team who all enjoy the topic being worked on and are educated on the topic. – Ania Rumierz
- I learned time management and how to work with a real client to satisfy a real need. – Patrick Schultz
- I learned how to effectively use a content management system to satisfy the needs of a client. – Travis Newell
- Working on this project will provide the whole team an advantage in managing a team and website.

**PMBOK Project Processes Used**

**Phase One: Initiation/Planning**

1. Gather information
2. Define the Project Scope
3. Determine clients’ needs
4. Establish timeline.

**Phase Two: Development/Monitor**

1. Determine restructure of website
2. Make changes to the website.

**Phase Three: Review Final Deliverables**

1. Analyze the final deliverables
2. Present the final deliverables to the client
3. Make changes if necessary
4. Approve final deliverables that they meet the clients’ needs as defined by the charter.

**Technologies Used**

- **New Technology**
  - Word Press
- **Other Technologies**
  - Excel and Word

**Project Results and Future Recommendations**

**Project Results**

- The project resulted in a complete transformation of the website, including new navigation and updated pages.

**Future Recommendations**

- This project seems to be at its conclusion since all of the content is updated, the client is satisfied with the website, and he is able to manage the site on his own.

**Key Stakeholders**

- Dr. Stephen Thompson
  - thomp374@mailbox.sc.edu

**Integrated Information Technology Department**

ITEC 564 - IT Capstone Projects

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