Website Portfolio

Jevon Lee II

CST-451 Capstone Project Proposal

Grand Canyon University

Instructor: Amr Elchouemi

Revision: 1

Date: 9/25/2022

**ABSTRACT**

This project idea came about during the end of my sophomore year. A professor had brought food for the class and mentioned that we would need to begin thinking about our future and getting portfolios ready for life after college. It was brought to my attention to create something that would be able to showcase talents and learned from scholastic ventures. So, the idea was made to create a website that would serve as a portfolio to any future employers or simply people who wish to check out what skills and things could be learned through GCU’s software development program. This seems like something that would stand out more in the professional market when applying to a job. It’s not often that employers would be able to go to a website made by the individual they want to interview and see a professional grade site displaying written and physical examples of their talents. It would include anything relevant to the employer including one’s own personal information and extra info to give a better perspective of the person they are dealing with. Web development is my greatest passion out of everything learned at GCU, so this projects scope is perfect to demonstrate my best talents along with something that is genuinely interesting for me to do.

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| History and Signoff Sheet |

**Change Record**

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| --- | --- | --- |
| **Date** | **Author** | **Revision Notes** |
|  |  | Initial draft for review/discussion |
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| **Overall Instructor Feedback/Comments** |

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| **Overall Instructor Feedback/Comments** |

**Integrated Instructor Feedback into Project Documentation**

Yes  No

**Project Approval**

Professor Elchouemi

Project Overview and Project Objectives

**State the Problem and Background**

This project is being undertaken in order to help build my resume for future employment in website development. It is a different way of presenting a resume to a potential employer rather than showing up with a piece of paper with a cover letter. The project will include my experiences and skills in website development or any other applicable skills.

**Christian Worldview**

The Christian Worldview was not applicable to this project.

**Project Objectives**

The objective of the project is to demonstrate my web development skills in a professional manner. The goal is to show different skills that have been acquired throughout my career at GCU and apply them to the website that is being developed, and it will in turn show a professional style website.

**Challenges**

Some challenges that will occur will be the testing phase. Making sure new features that are added in demonstration of my knowledge need to match the ideas set out on paper. Also making sure that any different languages work together in conjunction with the main programming language being used.

**Benefits and Opportunities**

The main benefit of this project implementation is to show an unorthodox resume by using a website as the resume. A user should be able to access the url for this site and find out any information on my programming background or any other relevant info they may need to know about.

Project Scope

|  |  |  |
| --- | --- | --- |
| Stakeholder Name | Role(s) | Responsibilities |
| Jevon Lee II | Self | Entire Project |

1. Successful Project Measurements for Online Portfolio
   1. Web app is completed within the allotted time period
   2. Web app is functional and meets desired and required expectations
   3. Web app utilizes resources properly
   4. Easy to follow and understand from users perspective

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Work Breakdown Structure | | | | | | | | | | |
| ID | Task | Dependencies | Status | Effort Hours | Cost | Start Date | Planned Completion | Estimate to Completion | Actual Completion | Resource |
| 1 | Milestone/ Becnhmark | Completion of previous Milestone | ongoing | 3-4 every other day | N/A | 9/19/2022 | 15 weeks | 15 weeks from start including both 451 & 452 | TBA |  |
| 2 |  |  |  |  | N/A |  |  |  |  |  |

Project Success Measures

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| Project Completion Criteria |
| 1 – The first measure will be demos and test of each addition in a test workspace before submitting to the full project. |
| 2 – Testing on a control group of users to identify bugs or fixes that would enhance the user experience |

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| --- | --- | --- | --- | --- | --- |
| Assumptions and Constraints | | | | | |
| ID | Description | Comments | Type | Status | Date Entered |
| 1 | Time Constraint | Limiting desired addition and functionality due to time | Constraint | ongoing | 9/25/2022 |

**Project High-Level Solution**

**Introduction**

*The nature of this project is to demonstrate the knowledge gained throughout a 4-year tenure of education at GCU’s software development program. The objective is to create a website that will act as a portfolio, showcasing learned skills throughout web development, including both front and backend work. For this project there won’t be any data or mathematical algorithms being added to the project, as it is predominantly showcasing web development skills. The site should convey to a user the ability to program at or near a professional level and show a firm understanding of coding concepts and practices. It will include HTML, JS, and other languages learned throughout the 4year time period, along with the backend functionality and server deployment.*

**Solution**

*The project will be a portfolio so to speak of skills I’ve acquired throughout the GCU program. The project doesn’t aim to be a theoretical development or include any mathematical skills aside from basic arithmetic. There will be diagrams set up to show how the base of the project will look and flow.*

Project Controls

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| Risk Management | | | | |
|  | **Risk Probability** | **Risk Impact** |  |  |
| **Event Risk** | **(high, medium, low)** | **Risk Mitigation** | **Contingency Plan** |
| What is the risk? | What is the probability? | What is the impact if the risk occurs? | What can be done to minimize the risk? | What can be done to minimize the impact of the risk? |
| Project not meeting requirements | medium | Poor or undesired results | Complete sections in parts to minimize last minute load | Have upcoming sections of the project pre-planned and set out |
| Website not being available on server for user | medium | Users being unable to access the site outside of local access | Test server stability and access multiple times throughout project lifetime. | Provide users with a temp server or have a backup server in place |

No Known Issues at this time.

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| Change Control Log | | | | | | | | | |
| **ID** | **Change Description** | **Priority** | **Originator** | **Date Entered** | **Date Assigned** | **Evaluator** | **Status** | **Date of Decision** | **Included in Rev. #** |
| 1 | Workload of requirements | high | Jevon | 9/25/2022 | 9/25/2022 |  | ongoing | Week 2 | 1 |
| 2 |  |  |  |  |  |  |  |  |  |

Project Cost and Schedule

1. There is no cost associated with this project as it is strictly online using programs already installed or purchased.
2. \* Schedule is assumed to be worked on in hours increments throughout day(ex. 2-3 days of 3 hours a day)
   1. CST-451 Schedule:
      1. Milestone 1: Completed by 9/25/2022 (Estimated Completion time: 1 Day)
      2. Milestone 2: Completed by 10/2/2022 (Estimate Completion time: 2-3 Days)
      3. Milestone 3: Completed by 10/9/2022 (Estimated Completion time: 3-5 Days)
      4. Milestone 4: Completed by 10/16/2022 (Estimated Completion time: Full Week)

Appendix B – Copyright Compliance

The Project is within Copyright compliance to the teams knowledge, as the name of the website will be under a name that is not under any copyright by an individual or entity.