Software Development Plan

CS 3300-002 Spring 2025

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Project Title:

John Doe Portfolio

Project Description:

A fully functional website portfolio that demonstrates a clear ability to create and showcase a collection of projects. The website should be easy to use and should allow the user to feel confident in John Doe’s software engineering capabilities. The website will also contain links to faux social media websites and contact pages, to simulate what a true software engineer portfolio could look like.

Problem to be Solved:

We wanted to answer the question: how do you stand out in a growing and competitive job market? Our answer was a customized website portfolio that showcases skills and interests in a ‘marketable’ way.

Software functionality being developed:

1. Primary functions:
   1. Website open to anyone
   2. Four functional games/programs (blackjack, encryption/decryption, snake, and tic-tac-toe)
   3. Links to social media websites
   4. Functional contact forms
2. Languages
   1. HTML
   2. CSS
   3. JavaScript
   4. Python (if the above three languages are not extensive enough)
3. Compilers
   1. N/A

Configuration Management:

This will be managed by our software requirements and timeline sheet, allowing us to understand what components of the project are required to accomplish the necessary goals. Our prioritization of the primary functions looks like:

1. Get a website up and running
2. Build and test functional games/programs
3. Implement those into the functional website and test further
4. Finalize style and minor bugs at the end

Risk Management:

Our major initial risks are time management and scope creep.

Schedule: This is the rough schedule for our project. The ‘halfway’ point that we’re using is the week after spring break. Depending on how that week ends, we will check in on each other’s progress and address any possible stretch goals we could make.

Engineering Planned Approach (agile, scrum, plan-driven, test-driven;  
architecture, design, modelling; engineering tools):

We are planning to use a test-driven model.

Team Members and our responsibilities:

Jack Dodge:

West Manison:

George Morales:

Sebastian Sanchez: