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|  | **[Personal Web Showcase]** | **CST-452 Capstone Project Status Report** |

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| **Project Phase:** | *Development & Testing* |
| **Date:** | *1/31/23* |
| **Team:** | 1. *Jevon Lee II* |
|  |
| **Status:** | |  |  |  |  | | --- | --- | --- | --- | | **Task** | **Team**  **Member** | **Hours**  **Worked** | **Hours Remaining** | | *Finish designing and implementing the register/login page for guest* | *Jevon Lee II* | *3 weeks* | *TBA\** | | *Introduce UI design theme to web app* | *Jevon Lee II* | *4 weeks* | *Complete* | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |
| **Issues/Risks:** | |  |  |  |  | | --- | --- | --- | --- | | **Issue or Risk** | **Owner** | **Date**  **Reported** | **Date Resolved** | | *Login function fails due to not be connected to DB* | *Jevon Lee II* | *1/31/23* | *TBD\** | | *JavaScript function is not implemented properly after CSS change to Login/Register* | *Jevon Lee II* | *1/31/23* | *TBD\** | |  |  |  |  | |  |  |  |  | |
| **Video Link:** | [**https://www.loom.com/share/afd6c29a03704cc382d392c4a5ad3d81**](https://www.loom.com/share/afd6c29a03704cc382d392c4a5ad3d81) |
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***Planning & Status:***

*The main objective of this project is to demonstrate my best abilities and capabilities within web development. It was very important to me that this get done so it could showcase my skills while at the same time, become an interactive tool for potential future employers and/or anyone willing to check it out. In order for this project to get off the ground, a baseline foundation needed to be put into place in order to meet the online deadlines while still keeping up with the original design and vision for the project. The project focuses on one of my strong suits within web development, being front-end development. Completing CST-391, which is our JS course, allowed me to add more features to the project than initially intended. One major thing that needed to be added was a login/registration page for website visitors to use when going to the page. This shows my ability to be able to not only design front-end pages and UI, but to be able to work with back-end functions as well. This includes keeping user info stored within a DB that can be accessed by me or anyone considered an admin. The rest of the project deals with adding in JS features that I found interesting and also help display my understanding of JS in general. As of now the base of the project is set into stone and a beach/water theme has been set for the UI of the project. The login/register page is the first to receive this change and can be shown within the demonstration. The rest of the pages(4-5) need to be updated with the theme and CSS changes, but for the most part the hard part is out of the way. However, there are currently two problems with the register/login page with one being more a delayed update than anything. There is a JS function that should allow for movement between forms that is seamless, but the JS file is not linked correctly and therefore isn’t working (using SpringBoot) . The other issue is that the register info isn’t correctly tabbed and saved because it is not connected to the DB at the moment, for testing purposes it was disconnected. This issue can be resolved in the next update along with the completion of the home page and fixes of the bugs found in this rendition. The project is set to be around 62% done at the time of writing this, but status is subject to change as project progresses forward into future updates.*

***Traceability Matrix:***

*Due to the nature of this project, I do not have many items within the matrix. I have about one or two related to testing and they have to deal with the register/login pages. This is subject to change with each final update of the project and more items may be added in the future. If you find anything that may belon on this table please feel free to let the team know.*

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| Project Name: |  | Web Dev Showcase |  |  |  |  |  |  |
| Project Description: | | Web app demonstrating front-end development skills | |  |  |  |  |  |
| ***ID*** | ***Assoc ID*** | ***Functional Requirement / Use Case*** | ***Architectural/Design Document*** | ***Software Module(s)*** | **Test Case Number** | **Additional Comments** | | |
| 001 | 1.1.1 | Ability for user to register their info for website | Designed using wireframes from CST-451 | This is currently within module 2.0.1 of the software; using SpringBoot | 2 |  | | |
| 002 | 1.1.2 | Ability for user to login with credentials from registration to view profile | Designed using wireframes from CST-451 | This is currently within module 2.0.1 of the software, using SpringBoot | 2 |  | | |
| 003 | 1.1.3 | User's information to be displayed within a page | Newly implemented idea within the 2.0.1 update to the project. This is section is N/A as the design is still TBD and will be updated in future patches | This is currently within module 2.0.1 of the software, using SpringBoot | 2 |  | | |
| 004 | 2.0.1 | JavaScript Functionality to demonstrate proficiency | Features that were implemented with JS that are derivative of wireframes and UI templates from version 1.1.1 | This is being updated in version 2.0.1 and will be implemented in fix 2.0.2 within the coming week | 1 |  | | |

***Test Cases:***

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| ***Project Title: Senior Project II Release #: 1/31/2023 Sprint #: 2*** | | | | | |  |
|  |  | ***User Stories*** | | | |  |
| ***ID*** | ***Feature*** | ***As a(n) <actor>*** | ***I would like to <description>*** | ***So that <outcome>*** | ***Estimate*** | ***Assigned To*** |
|  | *Registration* | *As a User* | *I would like for site visitors/users to register on website to track questions & comments* | *so that users will have a username and password* |  | *Jevon Lee II* |
|  | *Register* | *As a User* | *I would need to define a password that is 8-10 characters & at least one numerical value* | *so that I have strong passwords* |  | *Jevon Lee II* |
|  |  |  |  |  |  |  |
|  | *Login* | *As a User* | *I would like to input my username* | *so that I can access website* |  | *Jevon Lee II* |
|  |  | *As a User* | *I would like to input my password* | *so that I can access website* |  | *Jevon Lee II* |
|  |  | *As a System* | *I would like to check username* | *so that I can verify user* |  | *Jevon Lee II* |
|  |  | *As an Admin User* | *I would like to input my username* | *so that I can get at Admin Functionality* |  | *Jevon Lee II* |
|  |  | *As an Admin User* | *I would like to input my password* | *so that I can get at Admin Functionality* |  | *Jevon Lee II* |
|  |  | *As a System* | *I would like to display a login error page if username is incorrect* | *so that web site is not accessible* |  | *Jevon Lee II* |
|  |  | *As a System* | *I would like to display a login error page if password is incorrect* | *so that web site is not accessible* |  | *Jevon Lee II* |
|  |  | *As a System* | *I would like to display a system error page if page is not found* | *so that support can debug a system issue* |  | *Jevon Lee II* |
|  |  |  |  |  |  |  |
|  | *Display* | *As a User* | *I would like to have different displays for the information on the site* | *so the user can interact with the information without it becoming monotonous.* |  | *Jevon Lee II* |
|  |  | *As a User* | *I would like to have a video displaying some of the information* | *Some user do better with a video feedback rather than reading* |  | *Jevon Lee II* |