**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Joshua Sooaemalelagi |
| **Date:** | May 8th 2023 |
| **Teacher:** |  |
| **Module # (1-5):** | 2 |
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1. Identify which module you have selected to work on. Place an “X” under the “Selected Module” column.

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| --- | --- |
| **Modules** | **Selected Module** |
| Cloud Databases |  |
| Data Analysis |  |
| Game Framework |  |
| GIS Mapping |  |
| Mobile App |  |
| Networking |  |
| SQL Relational Databases |  |
| Web Apps | x |
| Language – C++ |  |
| Language – Java |  |
| Language – Kotlin |  |
| Language – R |  |
| Language – Erlang |  |
| Language – JavaScript |  |
| Language – C# |  |
| Language - TypeScript | x |
| Language – Rust |  |
| Choose Your Own Adventure |  |

1. At a high level, describe the software you plan to create that will fulfill the requirements of this module. This may change as you learn more about the technology or language you are learning.

I would like to take what I have learned with JavaScript and HTML and expand on that. Learning TypeScript, CSS, and react I would like to build a web portfolio that I can use as a resume. The MVP will just be a styled web page with resume info on it, but I would like to stretch and attempt to show how everything I learn when building out the page. This will also host future projects that I can also add to my portfolio as my skills and project complexity increase.

1. Create a detailed schedule using the table below to complete your selected module during this Sprint. Include details such as what (task), when (time), where (location), and duration. You should also include time to work on your team project. You are expected to spend 16 hours every Sprint working on your individual module, team project, and other activities. Time spent on this individual module should be at least 10 hours.

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|  | **First Week of Sprint** | **Second Week of Sprint** |
| **Monday** | Plan | Web page draft |
| **Tuesday** | Group prog assignment | Group |
| **Wednesday** | Group meeting | Group |
| **Thursday** | Study typescript | Web CSS |
| **Friday** | Study React | Web functionality |
| **Saturday** | Plan out web page | Web stretch |

1. Identify at least two risks that you feel will make it difficult to succeed in this module. Identify an action plan to overcome each of these risks.

The vision I have for this sprint is quite high however, my hope is that because I am not just using this sprint just for a class assignment but as a practical project to be used outside of classes that I will be more inclined to put more effort in the project.