**CSE 310 – Applied Programming**

**Module Plan**

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| **Date:** | 9/25/2025 |
| **Teacher:** | Bro. Pineda |
| **Module # (1-6):** | Module 1 |

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 |  |
| Language – C++ |  |
| Language – Java |  |
| Language – Kotlin |  |
| Language – R |  |
| Language – Erlang |  |
| Language – JavaScript | x |
| Language – C# |  |
| Language - TypeScript |  |
| 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.

My plan is to create a to-do list application. Any core requirements I don’t cover in that application I will make some mock ups to learn how to do them.

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 are expected to spend 24 hours every Sprint working on this individual module and other activities in the course. Time spent on this individual module should be at least 12 hours.

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|  | **First Week of Sprint** | **Second Week of Sprint** |
| **Monday** | Get started! Just make sure a hello world will run | Start coding the application |
| **Tuesday** | Wireframe the basic idea | Continue coding |
| **Wednesday** | Research the unknowns | Review requirements |
| **Thursday** | Do some simple tests with the things that are unknown to make sure they work at a basic level | Make sure to add in all the requirements |
| **Friday** | Put together the wireframe in HTML/CSS so it’s ready for the app functions | Test the program and fix bugs |
| **Saturday** | We have family stuff going on | Make mock ups for any not covered requirements. (recursion looks to be standing out as one of these) |
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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.

My limited knowledge of JavaScript, html and CSS make me wonder if I will be using enough JavaScript to complete the requirements. HTML and CSS will be a big portion of what I use to make the application. – To overcome this, as I know how much JS I’ve used, I will make some mock ups to cover topics if I need to.