**CSE 310 – Applied Programming**

**Module Plan**

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| **Date:** | 03/12/25 |
| **Teacher:** | Jeremiah Pineda |
| **Module # (1-6):** | 5 |

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 | X |
| Language – Kotlin |  |
| Language – R |  |
| Language – Erlang |  |
| Language – JavaScript |  |
| 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.

The software I plan to create will be an Expense Tracker. This tracker will help users track their daily expenses. It will also give them insights to their spending and break things down for them so they know where their money is going.

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** | Plan project | Work on project |
| **Tuesday** | Work on outline | Work on project |
| **Wednesday** | Submit outline and plan | Trouble shoot and debug |
| **Thursday** | Install java and start project | Test some more |
| **Friday** | Work on project | Turn in assignment |
| **Saturday** | Work on project |  |

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 first risk I see is not being able to install it correctly. To avoid this problem I am going to read all the documentation about it and how to install it. I will also read how to set up the files and use them after installation. The other risk I see is not having enough time for this. As it is late in the semester there are lots of other big projects I am working on. I need to keep this one going so I don’t run out of time to finish it. To do this I will schedule in time during my day and plan out which project I will work on so I don’t miss any or run out of time for them.