**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Gavin Hart |
| **Date:** | 9-18-23 |
| **Teacher:** | Nathan Birch |
| **Module # (1-5):** | 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 | X |
| Networking |  |
| SQL Relational Databases |  |
| Web Apps |  |
| Language – C++ |  |
| Language – Java |  |
| 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.

For this module I plan to create a recipe app to store recipes online.

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** | 2hrs on module 1 | 1 hr in between classes |
| **Tuesday** | 2hrs on module 1 | Work on team project 30min |
| **Wednesday** | Work with team 2hrs | Watch videos for 30min |
| **Thursday** | Work on individual assn. 1hr | 1hr personal |
| **Friday** | Team 2hrs | 30 min checking my work |
| **Saturday** | Take the day off | Go over the final works |

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.
2. First risk would be merging code that conflicts with main and ruining the program.
3. Secondly not taking the proper time to learn the language I picked for myself to learn.