**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Scott Kishpaugh |
| **Date:** | 11/18/24 |
| **Teacher:** | Nathan Birch |
| **Module # (1-5):** | 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 |  |
| Language – Kotlin | x |
| Language – R |  |
| Language – Erlang |  |
| Language – JavaScript |  |
| Language – C# |  |
| Language - TypeScript |  |
| Language – Rust |  |
| Choose Your Own Adventure |  |

2. 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 want to create a software using Kotlin. I am not sure yet as to what to create but I plan on learning how to use Kotlin and learn the language. I have not yet used Kotlin so this would be my first time using Kotlin

3. 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** | I want to first learn about kotlin and leanr how it can be useful in programming | Review the first draft |
| **Tuesday** | I want to come up with a project Idea | Look for any changes or improvements that I can make |
| **Wednesday** | Then I can implent my idead using kotlin | Work on final draft |
| **Thursday** | Crete a frist draft of my project | Finish final draft and double check of any changes |
| **Friday** | Hopefully finish the first draft | Submit the assignment |
| **Saturday** |  |  |

4. 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.

1. The first risk is that I don’t know anything about Kotlin so I might not know a whole lot as it comes to creating a software using Kotlin.

2. Time is another risk. Because I don’t know how to use Kotlin I might be spending too much time on this project. It might take a bit for me to come up with ideas since I’m not sure yet on what Kotlin can do as it comes to programming