**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Jared Linares |
| **Date:** | 1/8/2023 |
| **Teacher:** | Brother Birch |
| **Module # (1-5):** | Module 1 – C# |
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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 |  |
| Language – C++ |  |
| Language – C# | X |
| Language – Kotlin |  |
| Language – Erlang |  |
| 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 my C# project I want create a desktop application that essentially copies my favorite note-taking app, Obsidian. My goal is to create something that can take input in the form of markdown and output it in a user-friendly format. Markdown is the best way to format notes and figuring out how that’s accomplished is something I’ve always wanted to figure out. There’s a lot that I’m unsure about when it comes to C# so I’m hoping this project will teach me a lot.

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 Project | Work on code |
| **Tuesday** | Study Classes, functions, and other parts required for building this project | Work on code |
| **Wednesday** | Work on code | Work on code |
| **Thursday** | Work on code | Work on code |
| **Friday** | Work on code | Finalize details |
| **Saturday** | Work on code | Finalize project and hand in |

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.

Figuring out how to make markdown look like a regularly formatted document is something that I feel will be challenging. In fact, I’m not even sure that it’s possible. However, I plan on utilizing my time effectively to ensure that I study the necessary material to make this project feasible and ensure that I’m learning about C# and can apply it effectively in the future.