**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Grant Shirley |
| **Date:** | 10/31/22 |
| **Teacher:** | Brother Macbeth |
| **Module # (1-5):** | 4 |

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 | X |
| Language – C++ |  |
| Language – Java |  |
| 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.

I will help build a program that will help my work know when a good time to go to a classroom is when we need to work on it. This will require me to learn web scraping and allowing the user to specify the time that they would need and when the earliest time the classroom is available.

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 | Plan with team what to get done during new week. 1 hour personal project at home. |
| **Tuesday** | Work on team project 1-2 hours. Before class.  Research web apps. 1 hour. At work | 1-hour personal project at work and 1 hour team project at work. |
| **Wednesday** | 1 hour on team project and 2 hours on personal project at library. | 2-3 hours personal project 1 hour team project. |
| **Thursday** | 1 hour team project 1-hour personal project. At work | 1 hour team project and 1 hour personal project. At work |
| **Friday** | 2 hours personal project | Get other homework assignments done |
| **Saturday** | Work on other homework assignments | Get other homework assignments done |

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.

One thing I really want to do is ensure that I spend enough time on my team assignment so I don’t feel that I am letting my team down at all.

I want to also support my team and not carry them because it is a bad habit that I have.

I think that what will help me most is simply being willing to ask for help and not trying to do everything myself. I will ask my teammates if they can cover certain parts of the assignment instead of adding 10 things for me to do.