**CSE 310 – Applied Programming**

**Module Plan**

|  |  |
| --- | --- |
| **Name:** | Philip Marvin |
| **Date:** | 6/9/2021 |
| **Teacher:** | Jeremiah Pineda |
| **Module # (1-5):** | 4 |

1. Identify which module you have selected to work on. Place an “X” under the “Selected Module” column.

|  |  |
| --- | --- |
| **Modules** | **Selected Module** |
| Cloud Databases | X |
| Data Analysis |  |
| Game Platform |  |
| GIS Mapping |  |
| Mobile App |  |
| Networking |  |
| SQL Relational Databases |  |
| Web Apps |  |
| Language – C++ |  |
| Language – Java |  |
| Language – Kotlin |  |
| Language – Python |  |
| 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.

I will be learning Amazon Web Services and create a Billing Alarm using AWS.

1. Identify at least two risks that you feel will make it difficult to succeed on this module. Identify an action plan to overcome each of these risks.

-I have only used MySQL when it comes to anything related to databases, so I’m wholly unfamiliar with any other web service architecture. Luckily AWS is so pervasive and there are plenty of resources on it.

-I am also worried about being able to present attributes/data since it needs to be there to populate any tables. I will be sure to find some good example sets to use.

1. Create a schedule for yourself to complete this module in the two weeks required. The schedule should include milestones with dates. Milestones are activities that you need to complete related to research, implementation, testing, and documentation.

Days 1-3 Look up YT videos for tutorials on AWS

Days 4-5 Tinker with AWS and Virtual Private Cloud

Days 6-7 Create basic project

Days 8-10 Refine, debug, and present