**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Joseph Allen |
| **Date:** | 10/30/2023 |
| **Teacher:** | Nathan Birch |
| **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 | X |
| Game Framework |  |
| GIS Mapping |  |
| Mobile App |  |
| 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.

Take a data set from kroggle and by then using pandas and altair do an analysis and visualization of the data.

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** | 2h - module | 2h – module |
| **Tuesday** | 1h - team | 1h – team |
| **Wednesday** | 2h - module | 2h – module |
| **Thursday** | 2h - team | 2h – team |
| **Friday** | 1h - module | 1h - module |
| **Saturday** |  |  |

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.

Finding a good data set that I can easily interact with, I don’t want to have fix up the dataset a ton

Finding questions that I want to answer with the data set;.