**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Brigham Chen |
| **Date:** | 3/7 2022 |
| **Teacher:** | Chad Macbeth |
| **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 Platform |  |
| GIS Mapping |  |
| Mobile App |  |
| Networking |  |
| SQL Relational Databases |  |
| Web Apps |  |
| Language – C++ |  |
| Language – Java | X |
| 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.
2. Create a detailed schedule for yourself to complete this module in the two weeks required. Use the table below to help plan out the 16 hours for all activities including planning, research, implementation, testing, and documentation. Include details such as what (task), when (time), where (location), and duration. You should also include time to work on your team project. Remember that you will need to report an accurate summary of hours spent on this individual module and on your team project work.

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|  | **First Week of Sprint** | **Second Week of Sprint** |
| **Monday** | Install (1hr | Team project (1hr |
| **Tuesday** | Watching tutorial (1hr | Function and class (2hr |
| **Wednesday** | Team project (1hr  Variables & Expression (1hr | Array (1hr |
| **Thursday** | Condition (1hr  Team project (1hr | Tree set (1hr  Team Project (1hr |
| **Friday** | Loop (1hr  Team meeting (1hr | Team meeting (1hr |
| **Saturday** |  | Video (1hr |

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.

Time management because I have many activities these two weeks.

Using data structure may be easy to mess up.