**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Clark Namauu |
| **Date:** | 10/30/2023 |
| **Teacher:** | Br.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 | X |
| 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.

Using JavaScript and HTML to make a Geographic information systems (GIS) to make a map to show places I have lived.

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** | What: Research  When:3-5  Where: STC  Duration: 2hrs | What: Learn about saving datat  When:3-5  Where: STC  Duration: 2hrs |
| **Tuesday** | What: Research into installing and basic coding files for HTML and JavaScript  When:3-5  Where: STC  Duration: 2hrs | What: Learn about Network, Database, and Notifications  When:3-5  Where: STC  Duration: 2hrs |
| **Wednesday** | What: Learn about GIS through W3  When:3-5  Where: STC  Duration: 2hrs | What: Integrating past lessons together  When:3-5  Where: STC  Duration: 2hrs |
| **Thursday** | What: Learn about how to use Js and HTML effectively through tutorial and practice.  When:3-5  Where: STC  Duration: 2hrs | What: Learn about saving data  When:3-5  Where: STC  Duration: 2hrs |
| **Friday** | What: start more in depth coding  When:3-5  Where: STC  Duration: 2hrs | What: Learn about showing displays  When:3-5  Where: STC  Duration: 2hrs |
| **Saturday** | What: Learn about starting activities  When:3-5  Where: STC  Duration: 2hrs | What: Final touches  When:3-5  Where: STC  Duration: 2hrs |

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 motivation to get opportunities to work and stay awake to be able to complete task.

-Getting enough sleep.

Have an accountability buddy to get on me if I am not doing what I need to be doing.