**CSE 310 – Applied Programming**

**Module Plan**

|  |  |
| --- | --- |
| **Name:** | Justyn Mencl |
| **Date:** | June 6, 2022 |
| **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.

|  |  |
| --- | --- |
| **Modules** | **Selected Module** |
| Cloud Databases |  |
| Data Analysis |  |
| Game Framework |  |
| GIS Mapping |  |
| Mobile App |  |
| Networking | X |
| SQL Relational Databases |  |
| Web Apps |  |
| 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.

The simple project for networking seems like it would be to make some sort of chat room. So that is my goal is to use my two computers and make some sort of simple chat room. I might try to implement other functionality but at his point I am intimidated by this project so I am shooting for basic functionality.

1. Create a detailed schedule for yourself to complete this module in the two weeks required. Use the table below to help plan out the 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.

|  |  |  |
| --- | --- | --- |
|  | **First Week of Sprint** | **Second Week of Sprint** |
| **Monday** | Finish plan – 1 hour | Code – 1 hour |
| **Tuesday** | Start environment set-up – 1 hour | Start finalizing – 1 hour |
| **Wednesday** | Start research on functionality – 1 hour | Ideally have some sort of connection between 2 devices. – 1 hour |
| **Thursday** | Start code – 1 hour | Demonstrate and make a plan to implement feedback – 1 hour |
| **Friday** | Code- 1 hour | Finish and record video and readme. – 2 hours |
| **Saturday** |  |  |

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 do not feel very confident in this sprint. A risk I can see is that I won’t know what to do or where to start. – My plan to combat this is to start early enough that I can get help as necessary and resolve questions and concerns for this project.

A second concern that I have is that when all is said and done that I will end up spending hours on something that doesn’t work. – I will not be hard on myself, I will ask questions, and I will modify my project as necessary.