**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Ignacio Villar |
| **Date:** | 10/03/2022 |
| **Teacher:** | Chad Macbeth |
| **Module # (1-5):** | 2 |

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 |  |
| Mobile App |  |
| Networking |  |
| SQL Relational Databases | x |
| 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. This may change as you learn more about the technology or language you are learning.

I am going to create a bank account using java, then connect it to the database to store all information related to the accounts, also add the options to delete, create, update such as account information, balance, and probably something else that I will think later.

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** | Learning more about java at home for 2 hours | Worked on the team project at school 1 hour, also, continuo working on the project at home for1 hour |
| **Tuesday** | Have decided what project we will do as team 1 hour at school | Work on the personal task from team project at home for 2 hours |
| **Wednesday** | Learning more about java at home and how to connected to the database for 1 hours ( also plan with the team future task for each one for 1 hour at the school) | Work on the personal task from team project at home for 2 hours |
| **Thursday** | Start thinking about what the structure of the app would be for 2 hours | Get the java-database project done with all requirements( 1 hour |
| **Friday** | Start coding the firsts function for 1 hour at home | Review the project and make sure that everything is correct and working perfectly (1 hour) |
| **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.

First, be able to use Java. I do not have any experience using java or what do I need to download in order to be able to run something using java

Second, be able to connect my java program with SQL database

I this these two things are my main problem right now.