**CSE 310 – Applied Programming**

**Module Plan**

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| **Name:** | Spencer Warner |
| **Date:** | 4/27/2021 |
| **Teacher:** | Macbeth |
| **Module # (1-5):** | #1 |

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 | X |
| Web Apps |  |
| Language – C++ |  |
| Language – Java |  |
| 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.

I have added a few things to what I want to put in the database. I want to make profiles for my wife and I that contains information about us. The information is as follows.

* Names.
* Age.
* Gender.
* Addresses.
* Email address.
* Number of siblings.
* Hobbies.
* Places we have traveled in the world.

Eventually, I would like to have information about all of my family members. I think it would be cool to be able to compare hobbies, and where we have been in the world.

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 am a little worried about being able to understand the syntax of SQL databases in two weeks.

I am concerned about my code being long enough.

I think If I continue to study the syntax and tackle the smaller problems rather than bite off too much will help a lot. Also, If I am short on lines of code, I will add more details to be entered in the database.

1. Create a schedule for yourself to complete this module in the two weeks required. The schedule should include milestones with dates. Milestones are activities that you need to complete related to research, implementation, testing, and documentation.

Monday-Wednesday: 6:00-8:00 p.m. - study

Thursday: Attend lab if needed for clarification. 6:00 – 8:00 p.m. study.

Friday, Saturday: 10:00 a.m. – 12:00 p.m. start on coding.