Juan Hernandez

CSI 234

Independent Activity 3: Final Project Progress Report

As stated in the project proposal, this database will be designed to effectively handle a yearly WA state tournament between an even number of teams; besides handling teams it will also handle, locations, players, conferences (East vs West), Games, and more.

Completed Tasks:

I have created a database called CSI234 in order to store the WAFFL schema and its tables and specific its specific users. Successfully created WAFFL schema. As well as the tables and properly defining its non-nullable data:

* Conference Table
* Teams Table
* Players Table
* Referees Table
* Location Table
* Results Table
* Games Table

Relationships between have properly defined:

* Conferences can have multiple Teams but Teams can have one Conference.
* Teams can have multiple Players but Players can have one Team.
* Each Location can host multiple Games but a Game can be hosted by one Location.
* Refs can be ref multiple Games but Games can only have one main Ref.
* Each Game can have one result.

I have also entered initial data to populate each table, and ensure data integrity and made sure data is not allowed where it does not belong.

Tested preliminary queries to check tables are functioning as they should.

To be completed:

* Advanced Queries
* API Development

Sincerely,

Juan Hernandez

WAFFL Database Architect