Project Description

a. What is the domain of the application? Describe it.
- The domain of the application is tabletop role playing games and character sheet management, specifically in the context of the 5th edition of Dungeons and Dragons.

b. What aspects of the domain are modeled by the database?
- This database models a game with a DM, players, and player characters. It includes all player character skills, attributes, inventory, and other game-relevant aspects, such as status effects and character class and race.

Database Specifications (3-5 sentences)

a. What functionality will the database provide?
- The database will allow players within a game to keep track of all of their characters and their individual inventories, abilities, and dynamic characteristics such as health, status-effects, and character level. For example, if a particular item is needed, players will be able to search to see if there is a character who currently owns it. The database will also allow the players and the DM to review the currently running games and their participants.

Application Platform Description (2-3 sentences)

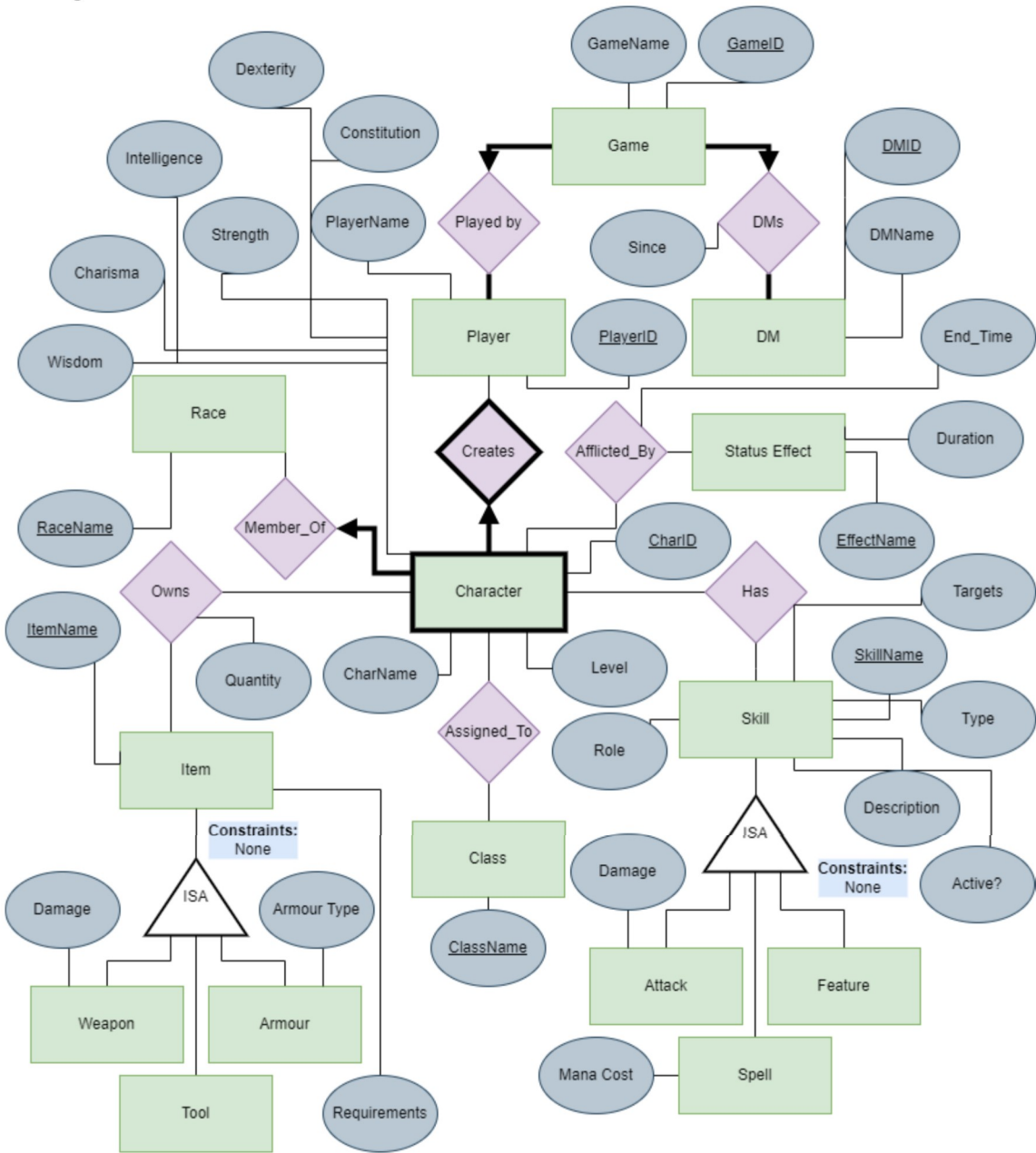a. What platform will your project use (PHP/JDBC/etc.)?
- The platform we will be using is PHP.

b. What is your expected application technology stack (i.e., any other things that you're using other than whether you're using PHP or JDBC)? Note that for DBMSs, we will only provide support for using the department's installation of Oracle. You are on your own for anything else.

       Here's the list of our expected technology stack:
- Git (for version control)
- Oracle
- SQL*Plus
- HTML/CSS
- React

ER Diagram

Other Comments
N/A