Task 2

Assumptions:

- Event-Venue Relationship – Events can have many venues, while venues are also able to host multiple events
- Solo/team swimmer – a swimmer can enter an event part of a team or as an individual, a swimmer can only be part of 1 team
- There will be no winning team since this is an individual sport there will be individual winners for events and races

Improvements from the Draft:

- Added a relationship between swimmer and race which stores the swimmers time and position in a particular race and the team that the swimmer represents' positions
- Removes the composite attributes of race distance and stroke
- Added a stroke type and distance available for each race
- Removed the timer entity and added Start_Time in race instead
- Added a team entity which stores the team name and id of the team a swimmer is part of

Improvements from the 2nd draft:

- Removed the derived attribute Team_Position from the Races_In relationship
- Added the derived attribute Swimmer_Overall_Position to the Participates_In relationship