Project Sprint #2
Thomas Burland V00947363

Previous Sprint:

- Implement the data from Kaggle into project.
- Improve/Implement feedback from Sprint 1
    - Show script evidence for creating the tables.
    - Show evidence of writing queries with the WHERE clause
    - Show evidence of populating the data of my tables
    - Show evidence of writing queries for normalization
- Realign the sprint goals with the weekly course work.
- JOIN elements from the Games Table into both the MyGameList and the Backlog tables.
    - Merged some user table info but didn't see a real use for the above yet.
- Add "Progress %" to games.
    - Added progress_percent as an attribute to the MyGameList table.
- Be able to group games by genre.
    - Search games by genre query.
    - Find the top-rated games by genre.

Challenges:

Take the feedback from Sprint 1 to clarify my confusion with how I should be progressing and building my SQL skills with this project.

Catch-up.

Improve video/editing quality.

Struggle with concept of normalization.

PLANNING SCOPE:

For Next Sprint:

- Implement feedback from Sprint 2 *for Sprint 2 revision* (I missed the Sprint 1 Revision as I was away from internet that weekend)

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- Get a better understanding of normalization about how to apply it to my project
- Find a better use of utilizing JOIN functions in more complex SQL Queries
- Grant privileges to a user to access and alter the attributes of their MyGameList and Backlog. Prevent users from altering the joined attributes from the Games table.
- Allow the user to use a password to access their account. Privileges for that password should be restricted to only the user and as an attribute, it should only be able to be viewed by the user.

Course Competencies:

- Met from last sprint:
    - Data Analytics Level 1
        - Combines data from tables with appropriately chosen JOIN operations
        - Extracts data from relations with precise selection predicates and attribute projection
    - Data Modelling Level 1
        - Loads data .CSV formats without truncation or other forms of data loss
    - Complex SQL Theories
        - Given a SQL query that involves aggregation and grouping, you can describe its effect

- For next sprint:
    - Back End Engineering Level 2
        - Identifies the privileges conferred to each user and the effects on other users of revoking those privileges.
        - Creates views to regulate access to data and ensure better data privacy and data governance
    - Data Modelling Level 2
        - Eliminates data anomalies with effective normalisation