**Ruby on Rails Lab Software**

In this lab, you are being asked to create a content management system that allows authenticated users to write reviews of certain games they have played and unauthenticated users to read these reviews. The requirements for the system are as follows:

1. Authenticate users to add reviews
2. Allow authenticated users to add, edit and delete reviews
3. Allow non-authenticated users to view the records

Be sure to create an appropriate database to store your game reviews.

Scenario:

I have been asked to create a CMS for GameStripe, an up-incoming business in the market reviewing games to help their users decide which is worth their time and money. This company is chock full of train enthusiasts and The Legend of Zelda fans, so they have decided to create the entire system using Ruby on Rails. They are also handling all the aspects of hosting the system once it has been created.

1. CRUD
   1. Must have basic CRUD functionality of creating, updating, and deleting games and reviews.
2. Authentication
   1. Users must be able to create an account, and be able to login to said account
   2. Users must only be able to create, update and delete games/reviews once they are logged in
      1. Additionally, users may only edit and delete Games/Reviews that they themselves have created
3. Database and Models
   1. Game
      1. Game\_id
      2. Title
      3. Genre
      4. Developer
      5. Description
      6. Review\_id
         1. Foreign key
         2. One-to-many
      7. User\_id
         1. Foreign key
         2. One-to-one
   2. Reviews
      1. Review\_id
      2. Rating
      3. Comment
      4. User\_id
         1. Foreign Key
         2. One-to-one
      5. Game\_id
         1. Foreign Key
         2. One-to-one
   3. Users
      1. Potentially use Devise gem to handle this aspect
4. Wants
   1. I would like to implement some search functionality that would be based on the title, genre, and developer. This would allow users to find exactly what they are looking for.