LIVE | Educational Video Game Database Sprint Plan 4

Team Roles:

Product Owner - Zachary McDowell
Scrum Master - Komo Zhang
Developers - Yeon Chae, Xiuyu Tang, Nilo Barachisio Lisboa

Stakeholder:
Dr. Michael Rugh - michael.rugh@tamu.edu

Customer meeting date/time/place:

Mondays @ 6 pm, online meetings on Zoom.

Summary:

The team met with Dr. Rugh and covered the results of the Sprint 3 MVP. The client was enthused by our progress and was excited to see what our last sprint would deliver. His suggestions included working on administration privileges and cleaning up some of the HTML layout.

   Additionally, we detailed our intended goals from the sprint, to which he provided feedback and particular areas of focus. We intend to expand upon our admin/moderator privileges and user layouts. We will give admins/moderators the option to delete and edit games, which we did not get to in the last spring. User's will also be able to edit information on their profile. Finally, we will modify a search system that will allow users to search through the games they desire.

   Since this is our last sprint, we wish to leave this project as clean and concise as possible for the proceeding team to work with. Our goal is to have an efficient search system, an organized database, and a structured system for user management.

User Stories:

1. Feature: Display option to 'destroy' game only to administrator users.

   Scenario: Administrator destroys a game
      Given I am logged in as an administrator
      And I am on the details page for a game
      Then I should see "Destroy this game" on the page
      When I press "Destroy this game"

Then I should be on the Index Page
And I should see "Game was successfully destroyed."

Scenario: Moderator can not destroy a game
Given I am logged in as a moderator with a user role
And I am on the details page for a game
Then I should not see "Destroy this game" on the page

Scenario: Regular user can not destroy a game
Given I am logged in as a regular user account
And I am on the details page for a game
Then I should not see "Destroy this game" on the page

2. Feature: Display option to 'edit' game only to administrator and moderator users.

Scenario: Moderator edits a game
Given I am logged in as a moderator account
When I visit the details page for a game
Then I should see "Edit this game" on the page
When I click "Edit this game"
Then I should be on the Game edit page
When I press "Update Game"
Then I should be on the Game details page
And I should see "Game was successfully updated."

Scenario: Administrator edits a game
Given I am logged in as an administrator account
When I visit the details page for a game
Then I should see "Edit this game" on the page
When I click "Edit this game"
Then I should be on the Game edit page
When I press "Update Game"
Then I should be on the Game details page
And I should see "Game was successfully updated."

Scenario: Regular can not edit a game
Given I am logged in as a regular user account
When I visit the details page for a game
Then I should not see "Edit this game" on the page

3. Feature: Conditional display of "Log In" or "Log Out" button based on user authentication status

Scenario: User is not logged in
  Given I am not logged in
  When I visit the main page
  Then I should see the "Log In" button
  And I should not see the "Log Out" button

Scenario: User is logged in
  Given I am logged in
  When I visit the main page
  Then I should see the "Log Out" button
  And I should not see the "Log In" button

4. Feature: Create "My Profile" page with user details and actions

Scenario: Redirects to log in page if not logged in
  Given I am not logged in
  When I navigate to the "My Profile" page
  Then I should be redirected to the log in page

Scenario: Viewing the "My Profile" page
  Given I am logged in as a user
  When I navigate to the "My Profile" page
  Then I should see my email
  And I should see my role
  And I should see a button to "Change Password"
  And I should see a button to "Sign Out"

Scenario: Changing password from the "My Profile" page
  Given I am on the "My Profile" page
  When I click on the "Change Password" button
  Then I should be directed to the password change form

Scenario: Signing out from the "My Profile" page
  Given I am on the "My Profile" page
  When I click on the "Sign Out" button
  Then I should be logged out
  And I should be directed to the main page
  And I should see the "Log In" button

5. Feature: Navigation Bar Availability Across Pages (all pages of our website including homepage, game list page, my profile page, game edit page, game details page, game destroy page)

Scenario: Navigation bar on the Homepage
Given I am on the Homepage
Then I should see a navigation bar
And the navigation bar should include links to "Homepage", "Game List", "My Profile"

Scenario: Navigation bar on the Game List page
Given I am on the Game List page
Then I should see a navigation bar
And the navigation bar should include links to "Homepage", "Game List", "My Profile"

Scenario: Navigation bar on the My Profile page
Given I am on the My Profile page
Then I should see a navigation bar
And the navigation bar should include links to "Homepage", "Game List", "My Profile"

Scenario: Navigating from one page to another using the navigation bar
Given I am on the Homepage
And I see a navigation bar
When I click on the "Game List" link in the navigation bar
Then I should be on the Game List page
When I click on the "My Profile" link in the navigation bar
Then I should be on the My Profile page
When I click on the "Homepage" link in the navigation bar
Then I should be back on the Homepage

6. Feature: Conditional Display of User Management in Navigation Bar

Scenario: Administrator views User Management link
Given I am logged in as an administrator
When I look at the navigation bar
Then I should see links to "Homepage", "Game List", "My Profile"
And I should see the "User Management" link in the navigation bar

Scenario: Moderator does not view User Management link
Given I am logged in as a moderator
When I look at the navigation bar
Then I should see links to "Homepage", "Game List", "My Profile"
And I should not see the "User Management" link in the navigation bar

Scenario: Regular user does not view User Management link
  Given I am logged in as a regular user
  When I look at the navigation bar
  Then I should see links to "Homepage", "Game List", "My Profile"
  And I should not see the "User Management" link in the navigation bar

Scenario: User role changes to Administrator
  Given I am logged in as a non-administrator user
  And I am on the Homepage
  When my role changes to an administrator
  And I refresh the page
  Then I should see the "Game Management" link in the navigation bar

Scenario: Administrator logs out
  Given I am logged in as an administrator
  And I am on the Homepage
  When I log out
  And I visit the Homepage again
  Then I should not see the "Game Management" link in the navigation bar

7. Feature: Sort Search Results by Various Criteria Using Dropdown

Scenario: Default sorting option is applied
  Given I am on the search result page
  Then the "Sort by" dropdown should default to "Relevance"
  And the search results should be sorted by name in ascending order

Scenario: Sorting search results by Title
  Given I am on the search result page
  When I select "Title" from the "Sort by" dropdown
  Then the search results should be sorted by "game_title"

Scenario: Sorting search results by Publication Year
  Given I am on the search result page
  When I select "Publication Year" from the "Sort by" dropdown
  Then the search results should be sorted by "publication_year"

Scenario: Sorting search results by Lowest Price
  Given I am on the search result page
  When I select "Lowest Price" from the "Sort by" dropdown
  Then the search results should be sorted by lowest price first

Scenario: Sorting search results by Highest Price
  Given I am on the search result page
  When I select "Highest Price" from the "Sort by" dropdown
  Then the search results should be sorted by highest price first

Scenario: Sort selection persists after page refresh
  Given I have selected a sort option from the "Sort by" dropdown
  When I refresh the page
  Then my sort selection should persist
  And the search results should be sorted according to my previous selection

8. Feature: Filter Games by Various Criteria

Scenario: Show Filter options on game list page
Given I am on the game list page
Then I should see various filter options including "Price Range", "Dimensions", "Subject", "Genre", etc.

9. Feature: Vague Search for the game title

Scenario: Vague search with a common misspelling for game title
  Given I am on the homepage
  And I have a game named "Roboco"
  When I search for "Robocc"
  Then I should see the game titled "Roboco"

10. Feature: Search Games in categories user might be interested in

Scenario: Show 'categories' in the main page
  Given I am on the homepage
  And I click "cost" button
  Then I should see the game filtered with "cost"

11. Feature: Visit Games via link

Scenario: Show a button to the game link in game page
  Given I am on the game page
  And I click "Visit Game" button
  Then I should directly go to the game website

12. Feature: Reset password functionality

Scenario: Reset Password
  Given I am on the Forgot Password page
  And I fill in my email
  When I click the "Send me reset password instructions" button
  Then I should receive an email for password reset

13. Feature: Automatically log out when reaching timeout (15 minutes)

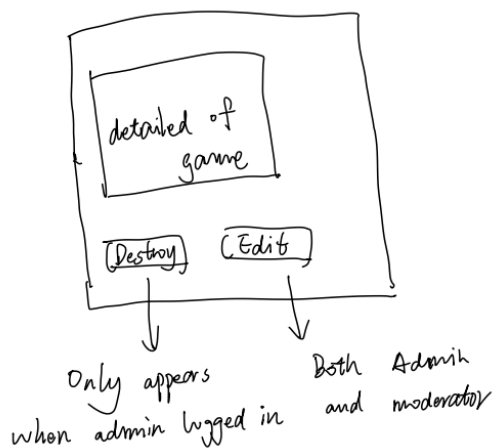**Scenario: log out after timeout**
  Given I am logged in
  When I have been inactive for 15 minutes
  Then I should be signed out.
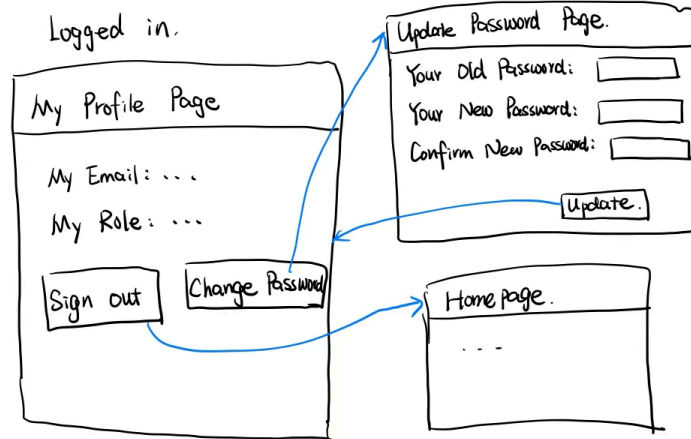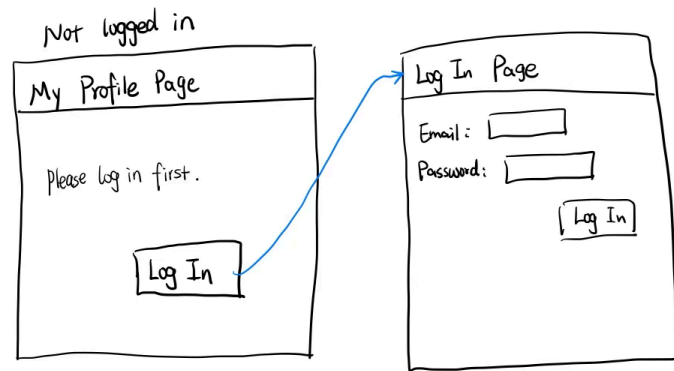
User Interface:

Feature #1: Display option to 'destroy' game only to administrator users. &
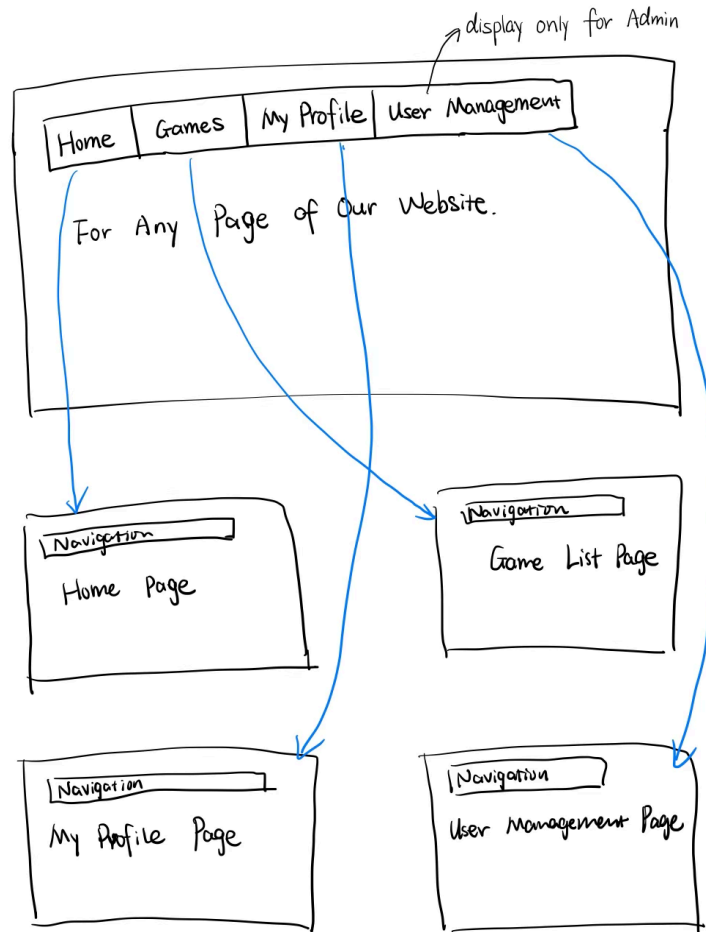**Feature #2: Display option to 'edit' game only to administrator and moderator users.**

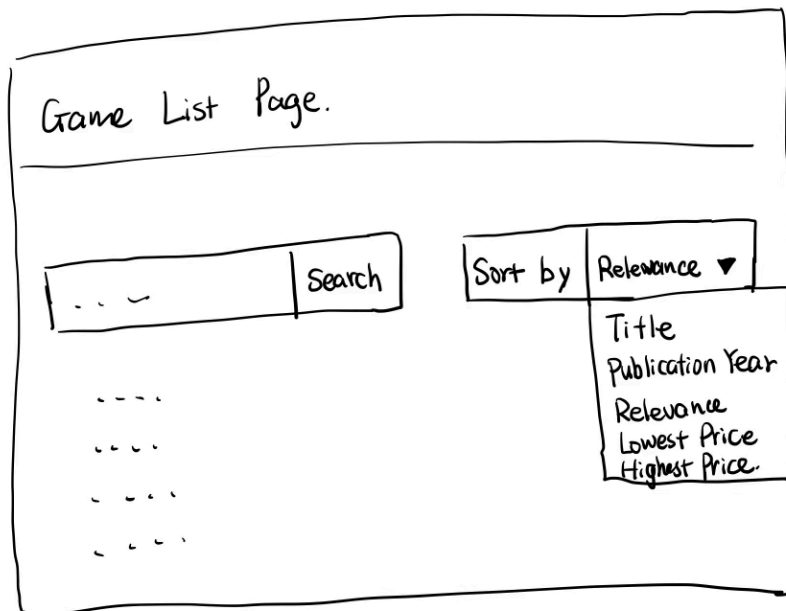**Feature #3: Conditional display of "Log In" or "Log Out" button based on user authentication status**

Feature #4: Create "My Profile" page with user details and actions

Not logged in

My Profile Page

Please log in first.

Log In

Log In Page

Email: _____
Password: _____

Log In

Logged in.

My Profile Page

My Email: ...

My Role: ...

Sign out   Change Password

Update Password Page.

Your Old Password: _____
Your New Password: _____
Confirm New Password: _____

Update.

Home page.

...

Feature #5 & 6: Navigation Bar Availability Across Pages and Conditional Display of User Management

display only for Admin

Home | Games | My Profile | User Management

For Any Page of Our Website.

Navigation

Home Page

Navigation

Game List Page

Navigation

My Profile Page

Navigation

User Management Page

Feature #7: Sort Search Results by Various Criteria Using Dropdown

Game List Page.

Search

Sort by | Relevance ▼

Title
Publication Year
Relevance
Lowest Price
Highest Price.

Feature #8: Filter Games by Various Criteria

Game List Page

Filter.

Price Range:

Dimension:
☐ 2D   ☐ 3D

Subject:
☐ History   ☐ ....
☐ .. ..   ☐ ....

Genre:
☐ Single Player
☐ Multiple Player

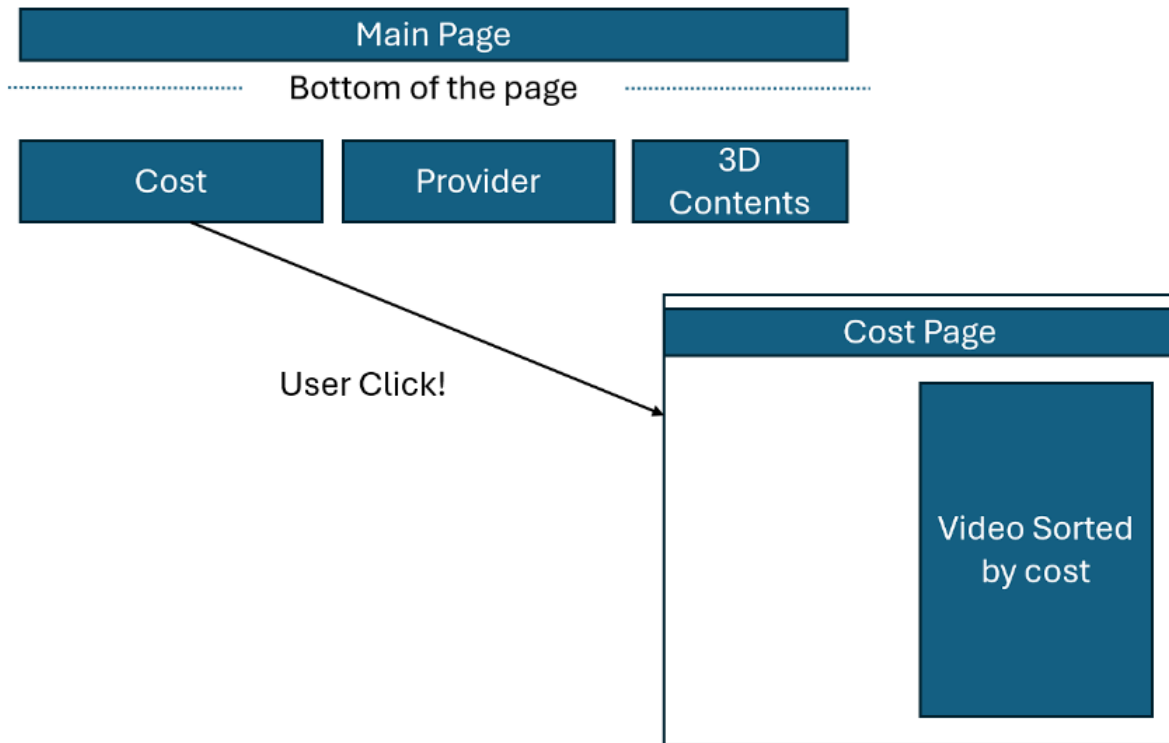**Feature #9: Vague Search for the game title**
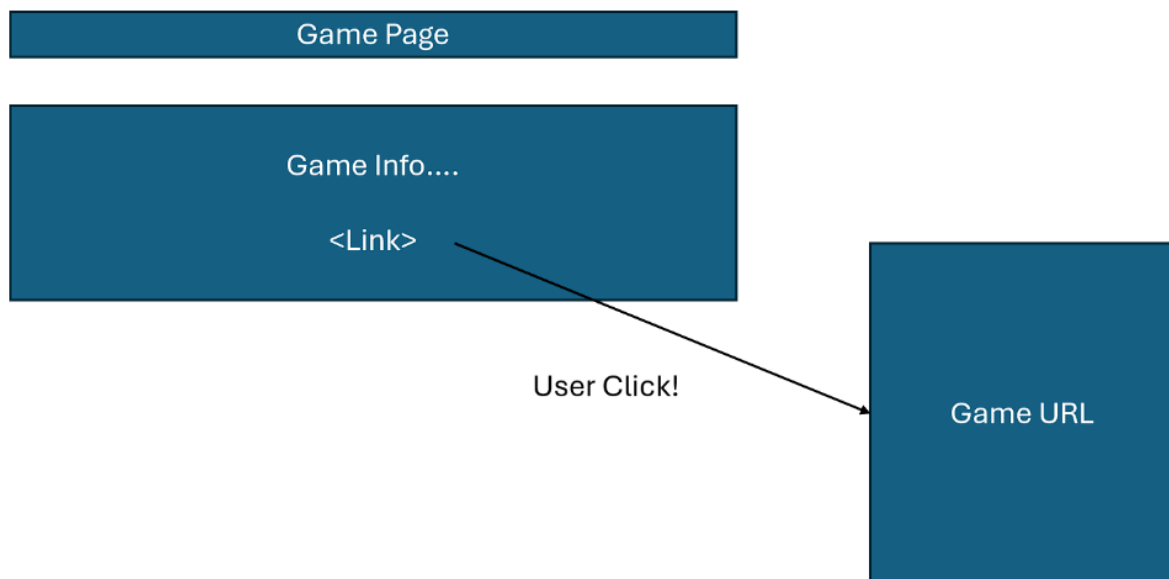
Game List Page.

[_____] Search

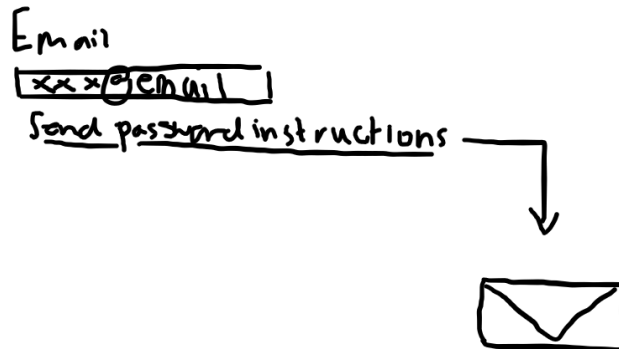**Feature #10: Search Game in categories user might be interested in**

Feature #11: Visit Games via link

Feature #12: Password Reset Functionality

Forgot your password?

Email
[xxx@email]
Send password instructions ⟶

✉

Feature #13: Automatically log out when reaching timeout (15 minutes)

15 minutes

Game Page

Session timeout
Please sign in again.

Sprint Backlog:

Sprint Goal: Since this is our last sprint, we wish to leave this project as clean and concise as possible for the proceeding team to work with. Our goal is to have an efficient search system, an organized database, and a structured system for user management.

User Stories for Sprint 4:
1. **Feature: Display option to 'destroy' game only to administrator users.**
   Assigned to: Komo
   Points: 1
   Estimated Time: 1 day

2. **Feature: Display option to 'edit' game only to administrator and moderator users.**
   Assigned to: Komo
   Points: 1
   Estimated Time: 1 day

3. **Feature: Conditional display of "Log In" or "Log Out" button based on user authentication status**
   Assigned to: Komo
   Points: 2
   Estimated Time: 2 days

4. **Feature: Create a "My Profile" page with user details and actions**
   Assigned to: Xiuyu
   Points: 2
   Estimated Time: 2 days

5. **Feature: Navigation Bar Availability Across Pages**
   Assigned to: Xiuyu
   Points: 3
   Estimated Time: 3 days

6. **Feature: Conditional Display of User Management in Navigation Bar**
   Assigned to: Xiuyu
   Points: 1
   Estimated Time: 1 day

7. **Feature: Sort Search Results by Various Criteria Using Dropdown**
   Assigned to: Xiuyu
   Points: 2
   Estimated Time: 2 days

8. **Feature: Filter Games by Various Criteria**
   Assigned to: Xiuyu
   Points: 3
   Estimated Time: 3 days

9. **Feature: Vague Search for game title**
   Assigned to: Yeon Chae
   Points: 2
   Estimated Time:2 days

10. **Feature: Search Game in categories user might be interested in**
    Assigned to: Yeon Chae
    Points: 3
    Estimated Time: 3 days

11. Feature: Visit Games via link
  Assigned to: Yeon Chae
  Points: 2
  Estimated Time: 2 days

12. Feature: Reset Password Functionality
  Assigned to: Zachary McDowell
  Points: 2
  Estimated Time: 2 days

13. Feature: Automatically log out when reaching the timeout
  Assigned to: Xiuyu
  Points: 1
  Estimated Time: 1 day

Links:

Deployed App: https://evg-library-8a920fa9c3cb.herokuapp.com/
GitHub Repository: https://github.com/yeonchae62/LIVE
Project Management Page: https://www.pivotaltracker.com/n/projects/2690138
Slack: https://app.slack.com/client/T06GX5X8ZFT/C06GPUM5G76

Legacy Project: N/A