



Rollins Game Review Forum


By:

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Array & Back-end Implementation
Front-end Implementation
Archiving & Back-end Implementation

What Did We Want to Make?

Our original idea was a Video Game User Review System, that eventually grew into a Video Game Review Forum for Rollins students capable of the following:

1. Processing existing user review scores for video games onto a visual forum.
 2. Output the overall average score for any given game.
 - By extension: Categorize said scores into positive, mixed & negative ranges.
 3. Prompt for the user to create a new review with.
 - New review should then be added to the existing list of reviews and the overall average score for the game recalculated.
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


Demo Time

Pretend that's java (and not python)

```
→ python_intro python my_first_script.py  
Hello World!  
→ python_intro
```

← →

 my_first_script.py ×

 my_first_script.py

```
1 print('Hello World!')
```

OOP Principles & Implementation

Abstraction:

- AudienceReview & UserReview inherit protected fields from ReviewAbstract.

Encapsulation:

- Back-end fields are given private access modifiers.
 - Prevents unwanted access to data.

Event Driven Programming:

- GameReviewForum & Driver implement event listeners & sources for the GUI.
 - Scroll functionality = A.
 - Review generation
 - User 'Create a Review' textboxes = B.
 - Buttons = C.

The screenshot shows a web browser window titled "ROLLINS GAME REVIEW FORUM". The page has a blue header with the text "Rollins Reviews". Below the header, there are two review entries. The first entry is for the game "Tommy The Tar 2 (Adventure)" by reviewer "Gray_Fox08 (ID: R12124228)" with a score of 96/100 and a comment "Great sequel to an already great game!, weird third act though...". The second entry is for the same game by reviewer "LowerCaseGuy (ID: R13334065)" with a score of 86/100 and a comment "Here's the deal: Gameplay: Solid, Music: FIRE, Story: is alright, but 30FPS on CONSOLE, SMH". Below the reviews is a yellow box titled "Create A Review Below:" containing input fields for Name, ID, Score, Comment, Game Name, and Genre. To the right of the form is a blue box with a "Submit Review" button. Red arrows and labels A., B., and C. are used to highlight specific UI elements: A. points to the scroll bar on the right, B. points to the input fields in the form, and C. points to the "Submit Review" button.

Game: Tommy The Tar 2 (Adventure)
Reviewer: Gray_Fox08 (ID: R12124228)
Score: 96/100
Comment: Great sequel to an already great game!, weird third act though...
Date: 2025-11-14

Game: Tommy The Tar 2 (Adventure)
Reviewer: LowerCaseGuy (ID: R13334065)
Score: 86/100
Comment: Here's the deal: Gameplay: Solid, Music: FIRE, Story: is alright, but 30FPS on CONSOLE, SMH
Date: 2025-11-16

Create A Review Below:

Name:

ID:

Score:

Comment:

Game Name:

Genre:

Submit Review

What Did We Learn?



- **Communication is Key.**
 - *"A chain is only as strong as its weakest link"*
- Sun Tzu in *Spy Kids 3D* (ca. 2003)
 - As decent as our program turned out, we had a few *significant* hiccups throughout the project as a result of ineffective communication.
 - **Tldr**: we worked on the same classes incidentally and ended up committing changes that undid the work of each other ~2 times.
 - Thankfully, before thanksgiving break we agreed to spam our group chat as a heads up for each of us to prevent the same issue from occurring (**it worked**)
- Hypothetically, how would we continue?
 - Though the forum is functional, we were unable to implement a method to verify Student ID.
 - The Rollins Video Game Forum would need to be revised to function within a browser's web page.