This document provides a detailed explanation of the source code for *Rate My Game*, including descriptions of each module, variables, and functions used in the program. The program is built using Python’s Tkinter library and follows a modular approach for better code organization and reusability.

**home.py - Main Application**

**Purpose:**

* Serves as the main entry point of the application.
* Displays main menu with navigation buttons to different pages.
* Implements a modular structure to call other modules when needed. A screen shot of a computer program

  AI-generated content may be incorrect.A screen shot of a computer

  AI-generated content may be incorrect.

**Best Games Page**

**Purpose:**

* Displays a list of highly rated games.
* Shows game descriptions, images, and store links.
* Provides navigation back to the main menu.

A screen shot of a computer

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A screen shot of a computer program

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**Rate a Game Page**

**Purpose:**

* Allows users to select a game, enter a review, and submit a rating.
* Implements input validation to ensure secure data entry.

A screen shot of a computer program

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**Reviews Page**

**Purpose:**

* Displays a scrollable list of submitted reviews.
* Allows users to navigate back to the main menu.

A screen shot of a computer

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A screen shot of a computer

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**Secure Coding Practices**

* **Input Validation:**
  + Ensures users select a valid game and rating before submission.
  + Prevents empty review submissions.
* **Error Handling:**
  + Uses messagebox.showerror() to display validation errors.
  + Uses messagebox.showinfo() for confirmation messages.
* **Modular Design:**
  + Code is separated into functions for better maintainability.