**Test plan**

1. Test Strategy

* The tests are aimed at discovering errors and unintended behavior in my application and therefore at improving the quality of the software.
* Tests are going to be performed on the different components of my backend application in the form of unit tests. I am also going to perform an end-to-end test on the finished version of my application.

1. Acceptance tests

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| Test Description | Test steps | Expected results | User story covered |
| Verify that the user can’t create an account with an invalid email | 1. Check the provided email address using regex to see if it is valid. | Email must contain the name of the user and the domain. | US-01 |
| Verify that the user can add/remove items to cart and checkout | 1. Add an item to the cart 2. Open cart and remove that item 3. Press checkout | Items listed in the cart should be changed accordingly. Checking out should also empty the cart afterwards. | US-02 |
| Verify that the user can add balance | 1. Add funds from the navigation bar | Balance of the user is updated | US-03 |
| Verify that the user can’t upload an existing game | 1. Add a game with the same name as an existing game | The game should not be added, and a message should appear informing the user they should choose a unique name. | US-04 |
| Verify a user can write a review only for games they own | 1. Navigate to an owned product  2. Write a review | The “write review” field should appear only if the user does not own that product. | US-05 |
| Verify a user can search the list of products with a filter | 1. Navigate to products page  2. Choose a filter and search | Only products matching the filter details should appear as a result | US-06 |
| Verify a user can request a password recovery | 1. Navigate to login page  2. Click “forgotten password”  3. Enter a valid email address | User should receive a randomly generated password on the given email address | US-07 |
| Verify a user can update only games they are the author of | 1. Navigate to a product | If the product is uploaded by the user, an edit button should be present | US-08 |
| Verify a user can see statistics regarding their purchases | 1. Navigate to profile page | A summary of the customer’s purchases should be present | US-09 |
| Verify an admin can approve/deny a product upload | 1. Navigate to “upload requests” page | A list of pending uploads should be present with the option to approve or deny. | US-10 |
| Verify an admin can approve/deny a product update | 1. Navigate to “update requests” page | A list of pending updates should be present with the option to approve or deny. | US-11 |