

Test Plan for PACE Bank Web Application

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1 Testing Strategy

1.1 Overall strategy

Unit testing will be done on a function to function basis through peer code review and using testing technologies such as Mocha individually. As for integration testing, all testing will be automated as to ensure that time is used efficiently to focus more on important aspects of implementing the software. Finally, regression-testing will be performed everytime a new feature is added or changed as well.

1.2 Test Selection and Adequacy Criterion

Combination of both white and black box(grey) testing techniques could help the app development process be quicker. Since some attributes only require simple test where the condition might change from true to false we can use use black box testing. While other attribute involves multiple parts of the function working in unison, which requires a more in depth look of white box testing.

For this app I used simple testing of our functionality doing QA duties whenever a new feature is added. Through direct manipulation of the app using a local server all tests were successful in the final build.

2 Test Cases

Note: The “context menu” refers to the navbar menu located at the top of the website.

Test Number	Test Purpose	Test Steps	Expected Result	Actual
1	To determine if an account can be created.	Create an account. Logout. Then log back in with the same credentials.	The account is successfully created and stored on the server	The account is successfully created and the “context menu” is visible
2	To check if products are properly added to the user.	Log in. Purchase an item. View accounts/balances	The account is successfully added.	Products are added to the user's account
3	To ensure anonymous users can not access the approval or accounts page.	Access the site. Attempt to GET /accounts or /approved pages.	The user is denied access and served a 401 Response.	The user is denied access to the accounts page

4	Check accounts/balances	Login. Navigate or click to the accounts page.	The users account data is served.	The u deni fro serve mid fu:
5	To ensure that the correct minimum deposit values are working as intended	Create a new account or login. Access the apply page. Attempt to enter an invalid initial minimum balance deposit amount.	The product is not added and the user is denied purchase	The ser erro for resul prop