

Manual Testing Document

Project Name: Amazing Fashionable Web Application

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Purpose of Testing:

The objective of this testing document is to verify and validate the functionality of the Amazing Fashionable web application. The application is designed as a user-friendly platform incorporating essential learning topics from SIT725 Applied Software Engineering. This manual testing process ensures that all components function correctly according to the defined design and requirements.

Test Scenarios and Cases

1. Landing Page Testing

Test Scenario	Test Steps	Result
Access the landing page	Open browser and navigate to http://localhost:3000 or http://localhost:3000/index.html	The landing page loads successfully
Verify webpage content	Check for the presence of heading, cover section, buttons, footer, etc.	All elements are displayed correctly
Navigate to About Us	Click the "ABOUT US" button	Project details and logo appear
Return to Main Page	Click "GO TO THE MAIN PAGE"	Redirects to the landing page
Play Project Introduction Video	Click "PROJECT INTRODUCE VIDEO"	Opens the project pitch video on YouTube
Navigate to Collaborative Drawing Page	Click "COLLABORATIVE DRAWING"	Redirects to the Collaborative Drawing page
Verify Sample Clothes Data	Ensure sample clothes data is displayed	Reveal cards correctly display the data

2. Admin Page Testing

Test Scenario	Test Steps	Result
Access Admin Page	Open browser and navigate to http://localhost:3000/admin.html	Admin page loads successfully
Verify Admin Page Content	Check for necessary sections and footer contact information	All elements are displayed correctly
Add New Sample Clothes	Click "ADD NEW SAMPLE" button	Modal dialog appears for input
Save Sample Clothes Data	Enter sample details and submit	New data appears in main content
Update Sample Clothes Data	Edit an existing sample	Changes reflect in database
Delete Sample Clothes Data	Remove an existing sample	Sample is deleted successfully
Verify Data Storage	Check MongoDB Compass for data changes	Data updates correctly in database

3. Collaborative Drawing Page Testing

Test Scenario	Test Steps	Result
Access Collaborative Drawing Page	Click "COLLABORATIVE DRAWING" on landing page	Redirects to Collaborative Drawing page
Verify Page Layout	Ensure heading, cover, buttons, and footer exist	All elements appear correctly
Draw Using Mouse or Touchpad	Use mouse/touchpad to draw	Drawing appears in black color
Validate Socket Connection	Open Developer Tools and check logs	Random numbers appear in console

4. Functional Checklist

Test Scenario	Test Steps	Result
Database Connection	Connect MongoDB Atlas and Compass	Connection is successful
Verify GitHub Integration	Check repository for latest commits	Code is updated in GitHub
Run Application Locally	Execute command lines to start the application	Application runs at http://localhost:3000
Browser Compatibility	Open the website in Chrome, Firefox, Safari	Website functions correctly in all browsers
Verify Developer Console Logs	Check Developer Tools for errors or warnings	No errors or warnings are displayed
Compliance with Project Documents	Compare with project design documents	Website matches requirements and plans

Conclusion

This manual testing document outlines the test cases for verifying the core functionalities of the Amazing Fashionable web application. The testing process includes validation of the landing page, admin functionalities, collaborative drawing features, and database integration. The tests are performed manually to ensure the website aligns with project requirements and provides an optimal user experience.