**TEST REPORT (MOBILE APP)**

**OVERVIEW**

**Mobile Application (App):**

Timbu Shop App, which involves the pixel-perfect implementation of designs. The app integrates with the Timbu API that automate and simplify business operations in one place. Grow your business, manage invoices, debts, customer outreach, and more, anytime, anywhere with a click. New features and functionality were add to the previous built version of the application.

***App\_testcase\_link:***

[*https://docs.google.com/spreadsheets/d/1-I83E5c9d7rsQB\_MGcqTr\_XK\_G\_6HXXEcuejCDqUvDs/edit?usp=sharing*](https://docs.google.com/spreadsheets/d/1-I83E5c9d7rsQB_MGcqTr_XK_G_6HXXEcuejCDqUvDs/edit?usp=sharing)

***Figma\_Design\_Link:*** [*https://www.figma.com/design/QHq9WbFOHgdDRhPuLOTNvB/HNG-INTERNSHIP?node-id=142-1124&t=mnZ5bmmIlwcFOrAD-0*](https://www.figma.com/design/QHq9WbFOHgdDRhPuLOTNvB/HNG-INTERNSHIP?node-id=142-1124&t=mnZ5bmmIlwcFOrAD-0)

**Mobile Dev. 1**

***New\_features\_figma\_design:*** [*https://www.figma.com/design/hSESetAErrAVSQzbCwPYTs/HNG-ORDER-HISTORY?node-id=0-1&t=EJPHU4PdznihFwML-1*](https://www.figma.com/design/hSESetAErrAVSQzbCwPYTs/HNG-ORDER-HISTORY?node-id=0-1&t=EJPHU4PdznihFwML-1)

**TEST OBJECTIVES**

Making sure users are able to purchase goods with the application. It functionalities are well implemented and work as intended, responsiveness and user friendly by testing the UI.

**TESTING SCOPE:**

Inscope:

* Product listing
* My Cart
* Empty cart
* Checkout
* Payment flow
* Order confirmation
* Order history
* Wish list

Out Scope:

* Third party application not under control
* Automation testing

**TEST APPROACH**

**Testing Type**: Usability testing, Functional testing

Smoke testing to check for basic functionalities was carried out. Test cases for the mobile Application key areas to be tested was written and making sure test case is clear and detailed.

**TEST ENVIRONMENT:**

Windows 10, Android

**TEST EXECUTION METRICS**

**Mobile DEV1**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **%Pass** | **%Completion** | **Defect** |
| **Mobile APP** | | | |
| **Product Listing** | **100%** | **93%** | **0** |
| **My Cart** | **64%** | **93%** | **5** |
| **Empty Cart** | **83%** | **86%** | **1** |
| **Checkout** | **50%** | **93%** | **7** |
| **Payment** | **50%** | **93%** | **7** |
| **Success** | **67%** | **86%** | **2** |
| **Order History** | **67%** | **86%** | **2** |
| **OrderDetails** | **71%** | **88%** | **2** |
| **Whishlist** | **75%** | **100%** | **1** |

**Mobile DEV2**

|  |  |  |  |
| --- | --- | --- | --- |
| **Module** | **%Pass** | **%Completion** | **Defect** |
| **Mobile APP** | | | |
| **Product Listing** | **92%** | **93%** | **1** |
| **My Cart** | **64%** | **93%** | **5** |
| **Empty Cart** | **83%** | **86%** | **1** |
| **Checkout** | **50%** | **93%** | **7** |
| **Payment** | **93%** | **93%** | **1** |
| **Success** | **83%** | **86%** | **1** |
| **Order History** | **83%** | **86%** | **1** |
| **OrderDetails** | **71%** | **88%** | **2** |
| **Whishlist** | **75%** | **100%** | **1** |

**OBSERVATIONS**

**Defect from the design:**

* User account functionality was not capture as requirement in the design. Since every system built must be able to do accountability. Therefor user details and record can’t be track
* The delivery contact form has no (\*) mark on the form input for user to know which field is compulsory

**Improvement:**

* User account model to be implement for better orders record and tracking
* Asterisk (\*) should be place on the mandatory input field in contact form delivery page

**Bugs in the Mobile Application**

Mobile Dev1 and Mobile Dev2

* Discount button functionality is not working
* Phone number input accept alphanumeric and it those not check it.
* No backward button was provided for user to go back if the make mistake.

**Improvement:**

* Discount button functionality should be fixed
* Phone number validation check logic need to be implemented
* For better user experience backward button should be made available in the application

**TEST REPORT (BACKEND)**

**OVERVIEW**

**Backend:**

***Blog post deletion endpoint-Backend#108:***  endpoint to handle requests to delete a blog post where it is only open to super admin. If the data is deleted successfully, it will be returned to the client with a '202' status. If an error occurs, an appropriate error status will be returned.

**Boilerplate link:** [*https://github.com/hngprojects/hng\_boilerplate\_nestjs/issues/108*](https://github.com/hngprojects/hng_boilerplate_nestjs/issues/108)

***Backend\_Postman\_collection\_link***: [*https://crimson-star-498952.postman.co/workspace/HNG-Internship~4ced83f4-98e1-4fdc-9aaf-*2ea4e3bf860b/collection/23968045-0d603d4b-0481-4913-8078-25c6d2db285f?action=share&creator=23968045](https://crimson-star-498952.postman.co/workspace/HNG-Internship~4ced83f4-98e1-4fdc-9aaf-2ea4e3bf860b/collection/23968045-0d603d4b-0481-4913-8078-25c6d2db285f?action=share&creator=23968045)

***Testcase-Blog\_post\_deletion\_endpoint:***

[***https://docs.google.com/spreadsheets/d/1-I83E5c9d7rsQB\_MGcqTr\_XK\_G\_6HXXEcuejCDqUvDs/edit?usp=sharing***](https://docs.google.com/spreadsheets/d/1-I83E5c9d7rsQB_MGcqTr_XK_G_6HXXEcuejCDqUvDs/edit?usp=sharing)

**TEST OBJECTIVES**

* Implement API endpoint for deleting blog posts.
* Confirm deletion action to prevent accidental deletions.
* Make sure the endpoint can only be called by a super admin
* Ensure blog post safely deleted in the database.
* Handle unexpected errors and return the appropriate status code.

**Aim:** Super Admin should be able to send a request to the backend to delete a blog post, with data temporarily removed and confirmation provided

**TESTING SCOPE:**

Delete request should be made to the ***blog post deletion endpoint***, post with given id should be deleted from the database through the API endpoint and successful response message should be send back from the API endpoint.

**TEST APPROACH**

**Test level**: Functional testing

Test cases for the key areas endpoint to be tested was written and making sure test case is clear and detailed. Checks for appropriate status codes in each API test case.

**TEST ENVIRONMENT:**

Windows 10, Chrome browser, Postman v9.4

**TEST REPORT (FRONTEND APPLICATION)**

**OVERVIEW**

Timbu Shop App, which involves the pixel-perfect implementation of designs. The app integrates with the Timbu API that automate and simplify business operations in one place. Grow your business, manage invoices, debts, customer outreach, and more, anytime, anywhere with a click. New features and functionality were add to the previous built version of the application.

***Figma\_Design\_Link:*** <https://www.figma.com/design/VEItfX6St5NSAqqNHImcxD/HNG-Boilerplate-Designs?node-id=1553-42949&m=dev>

***App\_testcases\_link:***

[***https://docs.google.com/spreadsheets/d/1-I83E5c9d7rsQB\_MGcqTr\_XK\_G\_6HXXEcuejCDqUvDs/edit?usp=sharing***](https://docs.google.com/spreadsheets/d/1-I83E5c9d7rsQB_MGcqTr_XK_G_6HXXEcuejCDqUvDs/edit?usp=sharing)

***Github\_boilerplate-issue\_link:***

[***https://github.com/hngprojects/hng\_boilerplate\_nextjs/issues/142***](https://github.com/hngprojects/hng_boilerplate_nextjs/issues/142)

**TEST OBJECTIVES**

Making sure users are able to purchase goods with the application. It functionalities are well implemented and work as intended, responsiveness and user friendly by testing the UI.

**TESTING SCOPE:**

**TEST APPROACH**

**Testing Type**: Usability testing, Functional testing

**TEST ENVIRONMENT:**

Windows 10, Browsers; Chrome, Brave Browser