Ready Online!

Overview

This project creates an online market for Sellers and Buyers and all people who wish to market products online in general. It will have a range of features from purchasing items online, adding to your cart, making payments. The App will have better navigation features such that you can jump from home page to profile page just by a small voice note as: “Go to profile”.

We are using the following technologies:
React - Flexible , better performance and usability.

express - Fast, unopinionated, minimalist web framework

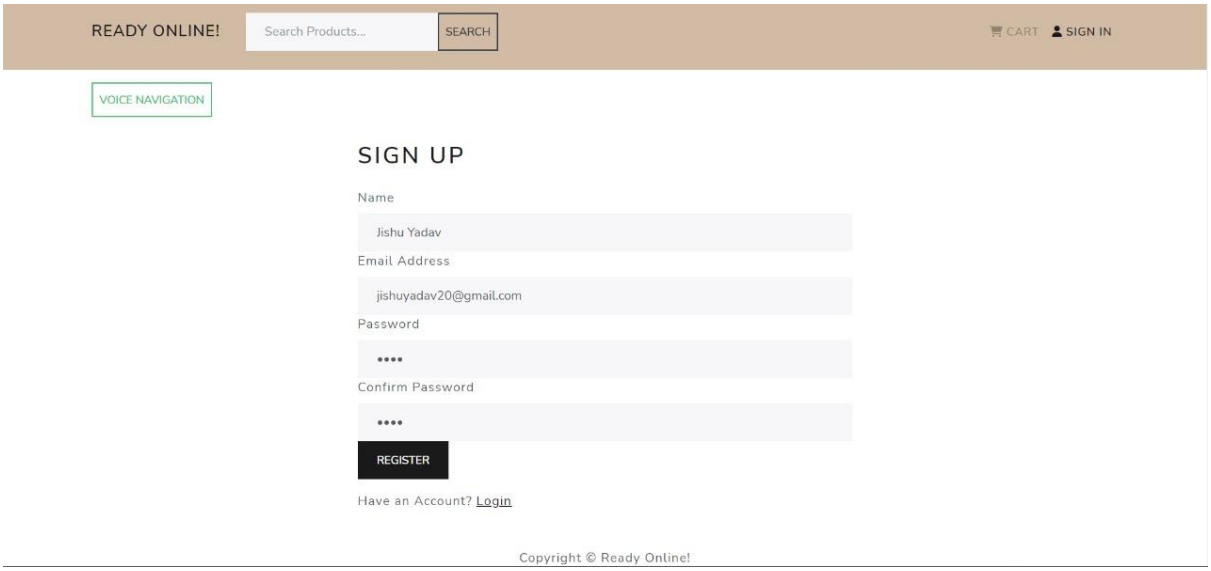
MongoDB - A cross-platform document-oriented database

Nodejs - Easier development process, Efficient performance, Reusable code

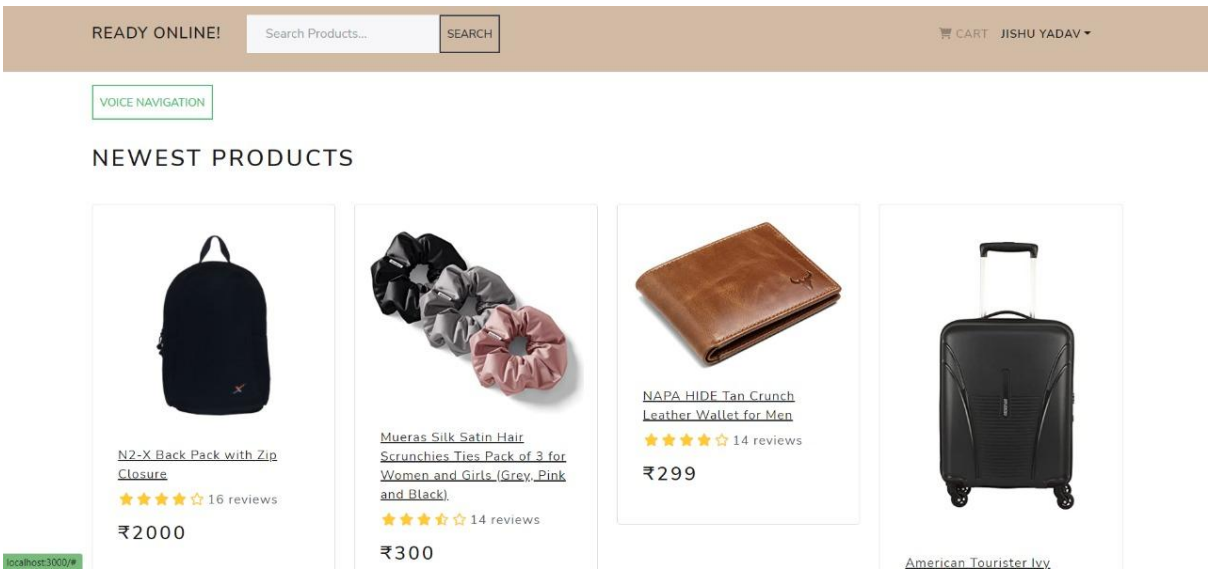
Testing:

Test case #1: Sign-up

Input: We have entered the following information to sign up.



Output: Once they have submitted, the user is redirected to the user dashboard.

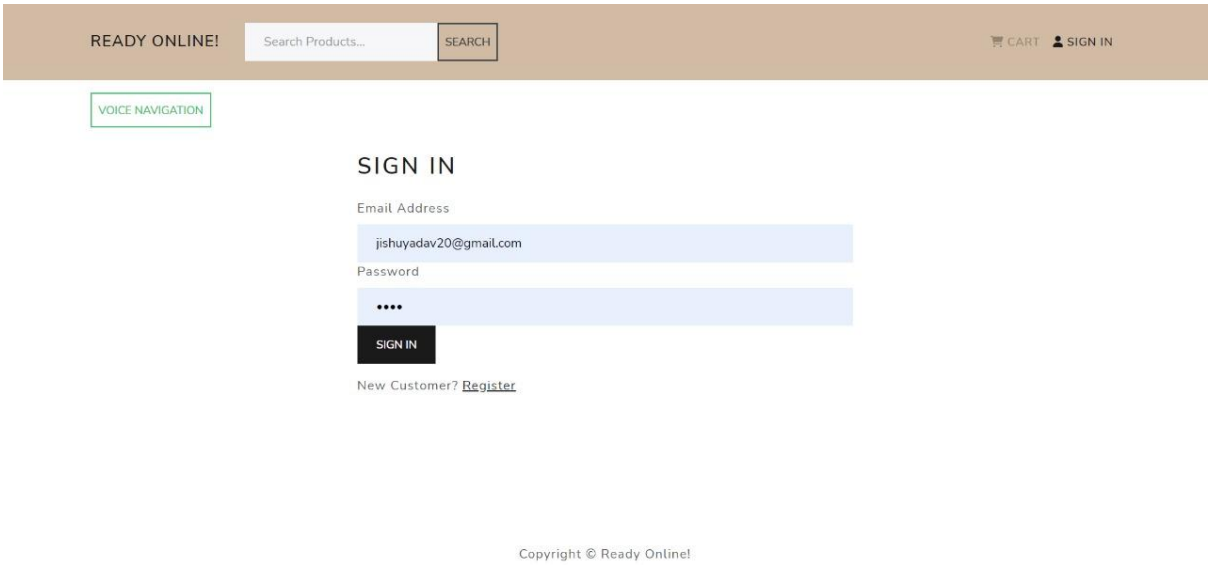


Status: Passed

Test case #2: Sign-In

Test case #2.1: Successful Sign-In

Input: Now that the user has signed up, we enter the login details

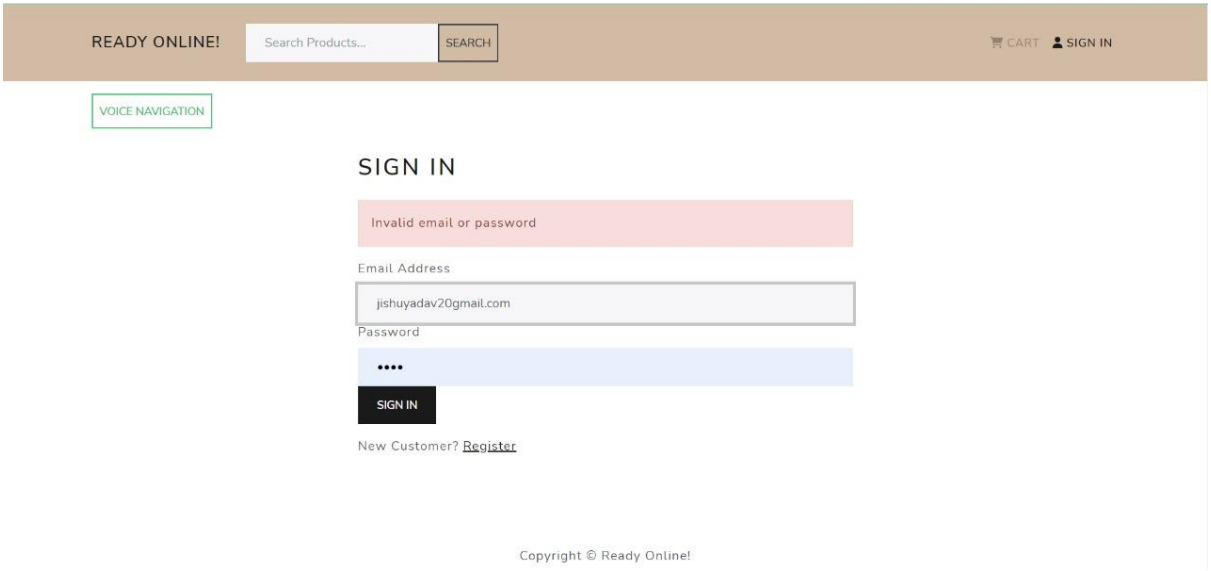


Output: On clicking submit, the user credentials are verified and redirected to the user dashboard.

Status: Passed

Test case #2.2: Identifying Wrong user email ID

Input: We enter incorrect email addresses and check whether the application identifies it or not.

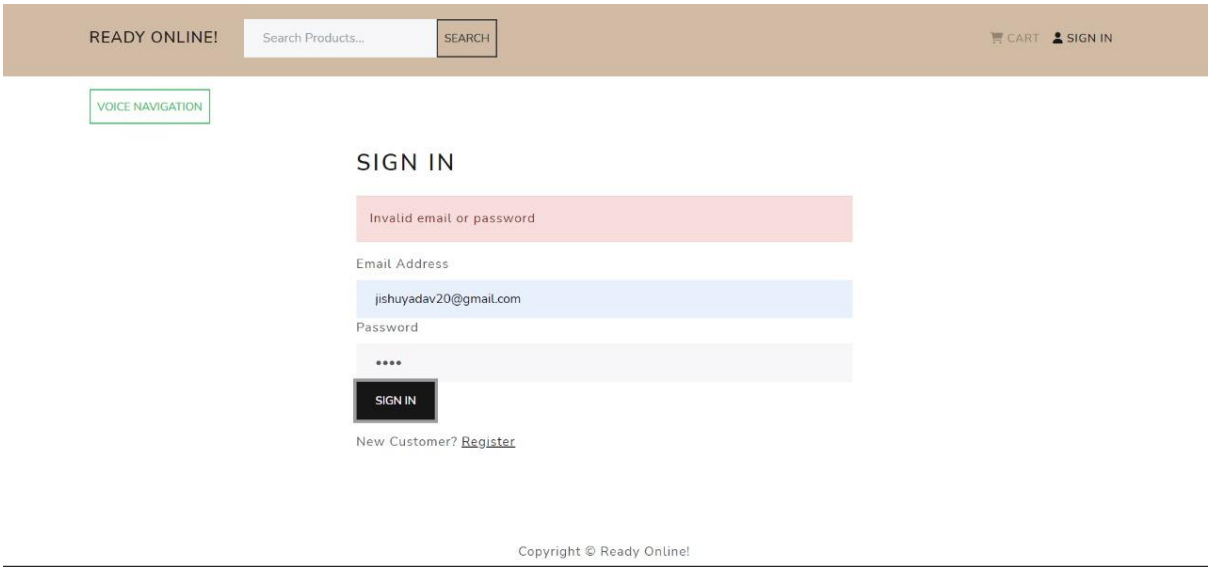


Output: As expected, it throws an error saying invalid email address.

Status: Passed

Test case #2.3: Identifying correct user email ID and wrong password

Input: We enter an email id that exists in the database but with a wrong password.

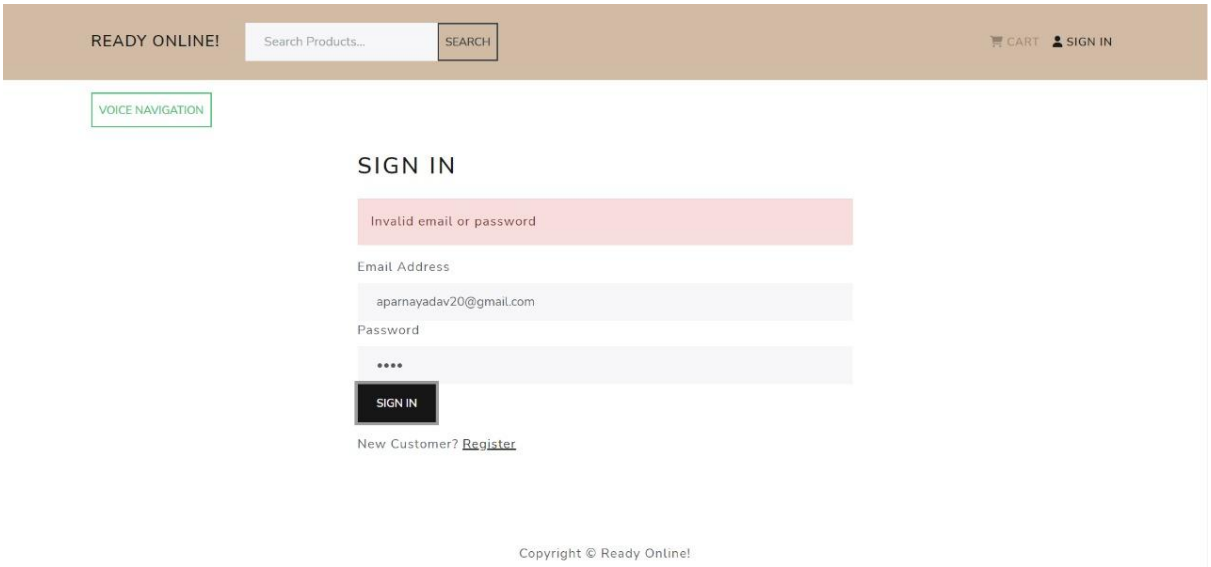


Output: As expected, it gives an error message saying the email id and password do not match.

Status: Passed

Test case #2.4: Identifying an email ID that has not been used for signing up

Input: We enter an email id that does not exist in the database as it has never been used for signing up.

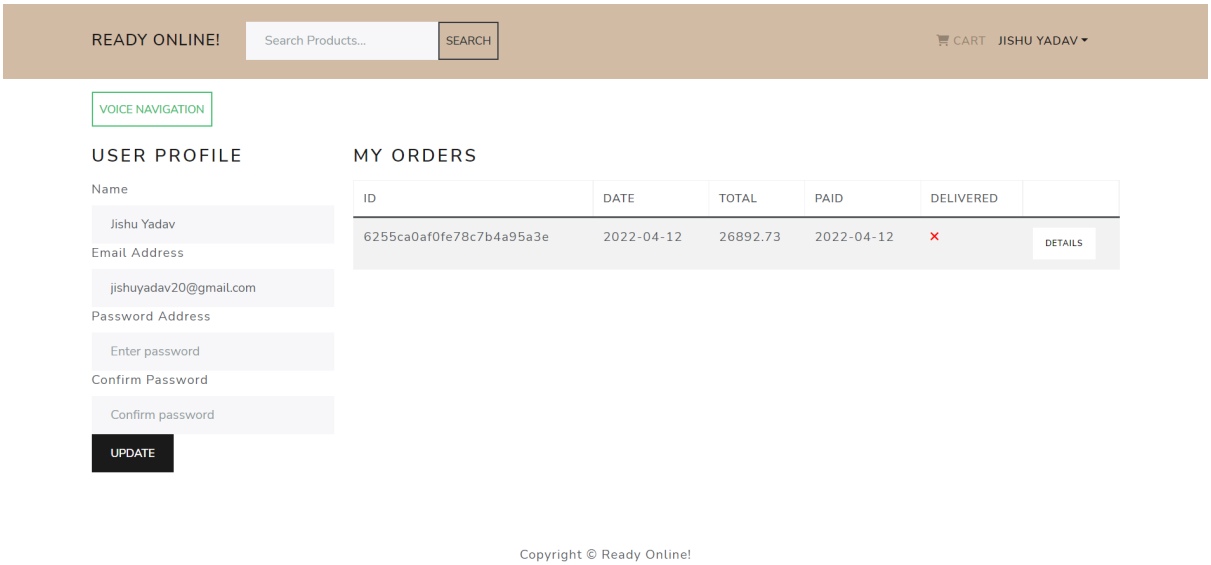


Output: As expected, it gives an error message saying it is an invalid email address to sign in.

Status: Passed

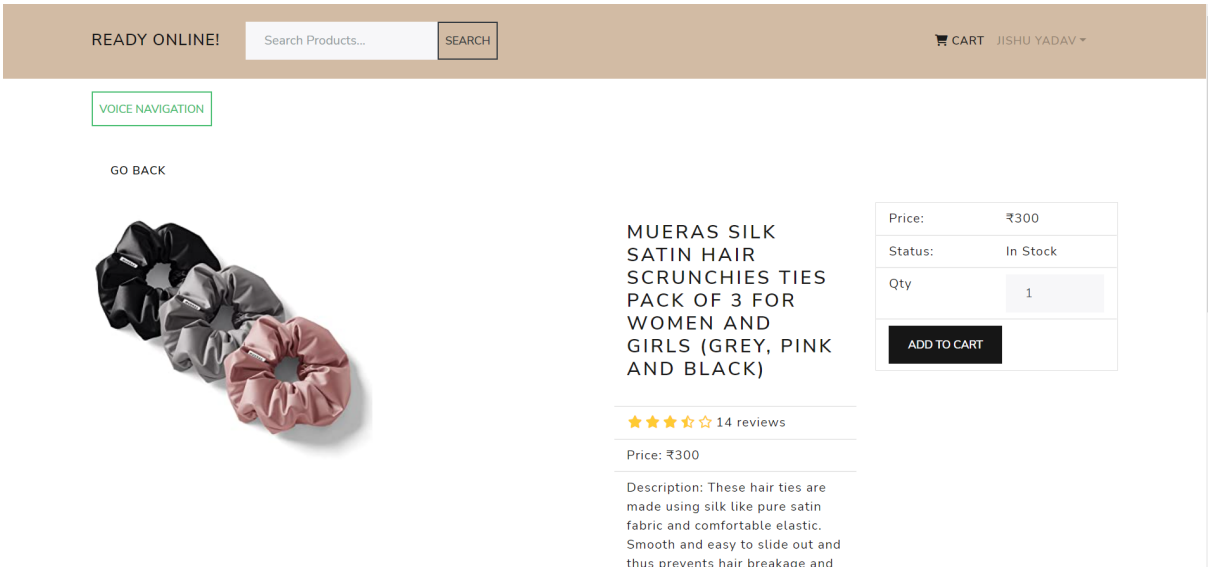
Test case #3: Buyer dashboard

Now we will test the features of the user dashboard(i.e, create ads and manage ads.) The user can view their details along with the option to create and manage their ads.

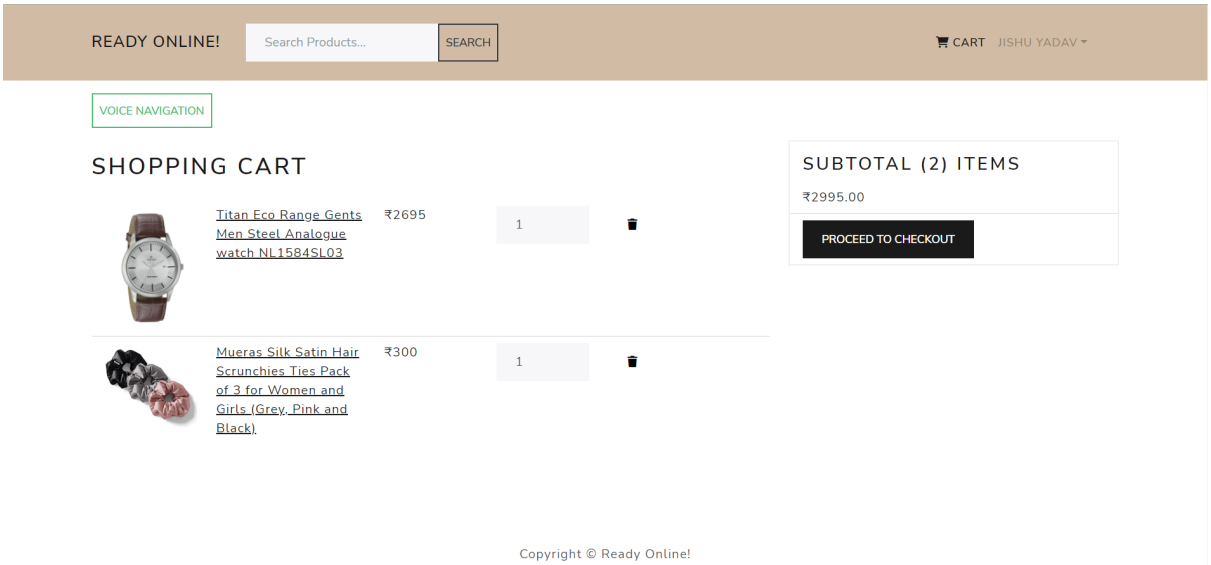


Test case #3.1: Adding to Cart

Input: Here we are adding the product to the cart using ADD TO CART button.



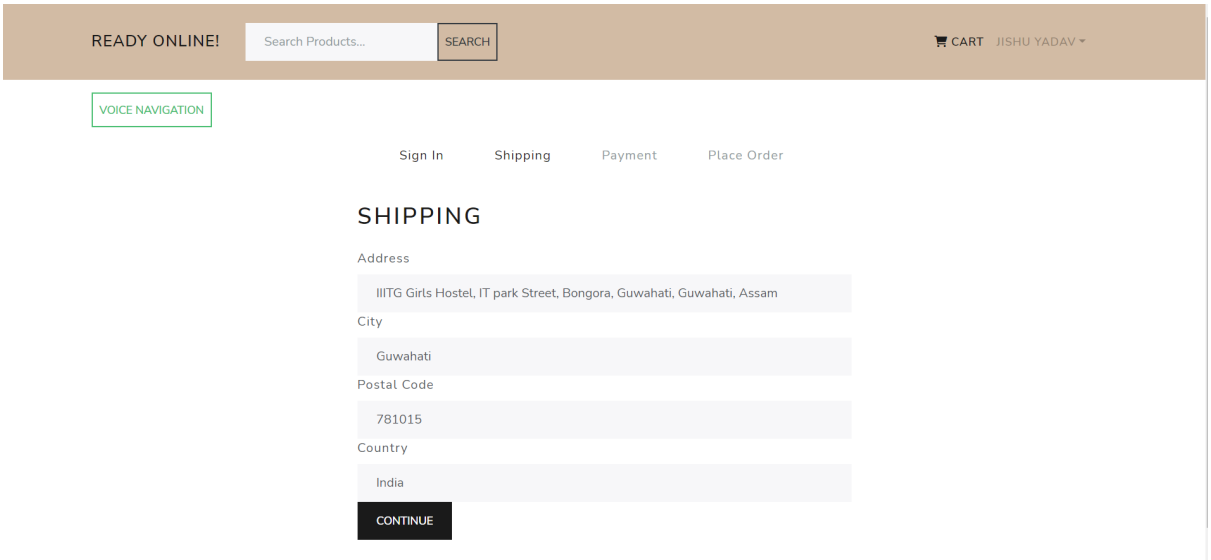
Output: The product has been added to the cart along with the previously added products.



Status: Passed

Test case #3.2: Adding Shipping Address

Input: Here we have entered the shipping address.

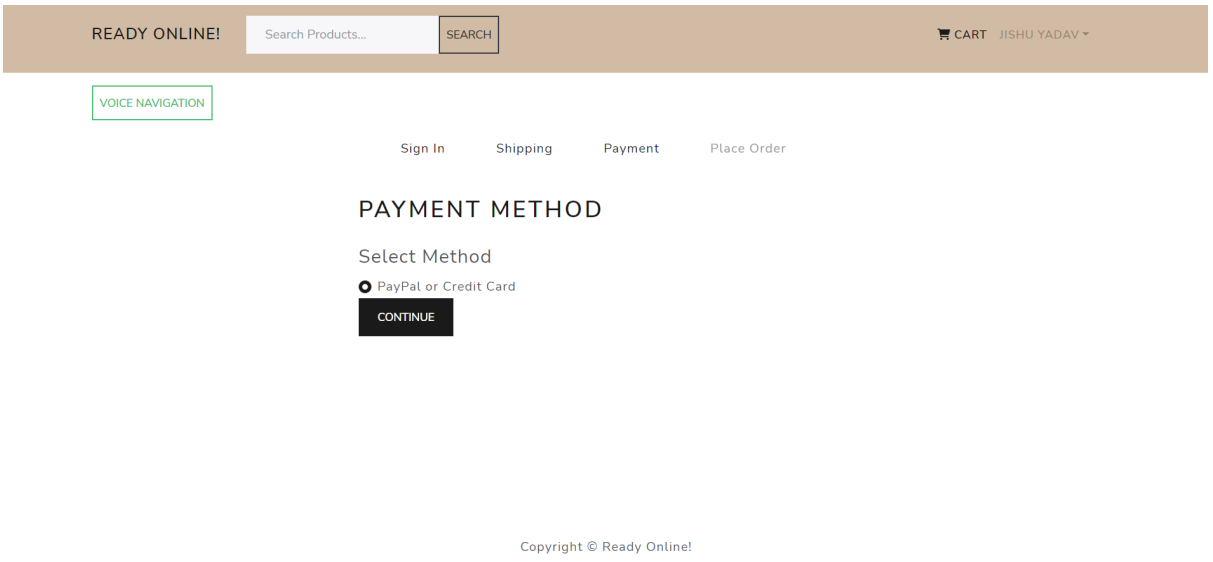


Output: Shipping address has successfully been updated.

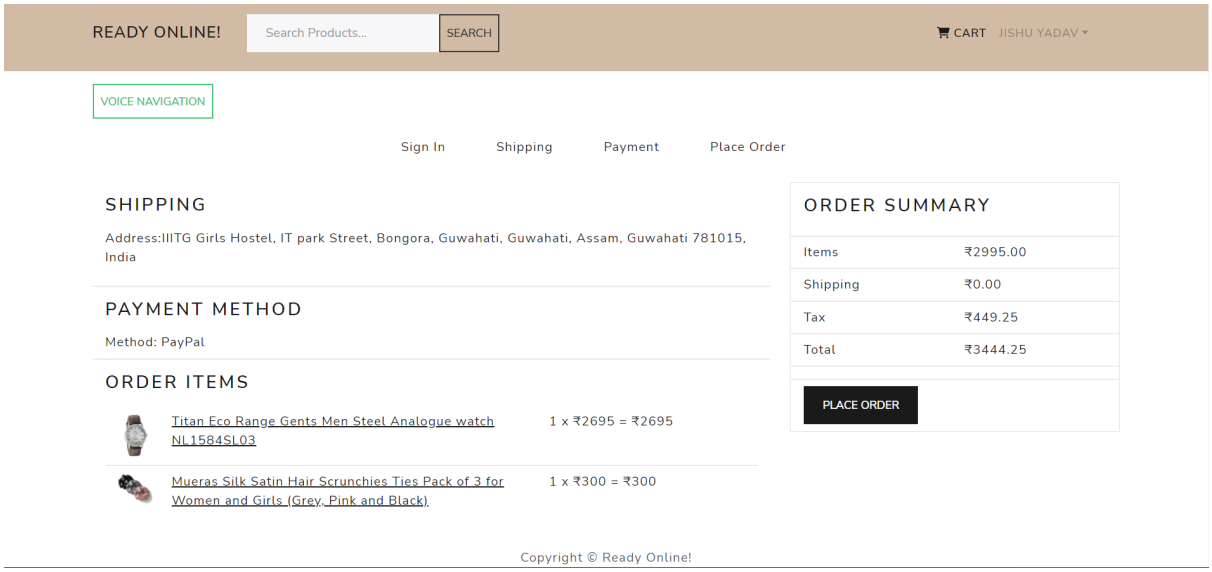
Status: Passed

Test case #3.3: Selecting the Payment Method

Input: We are selecting the payment method.



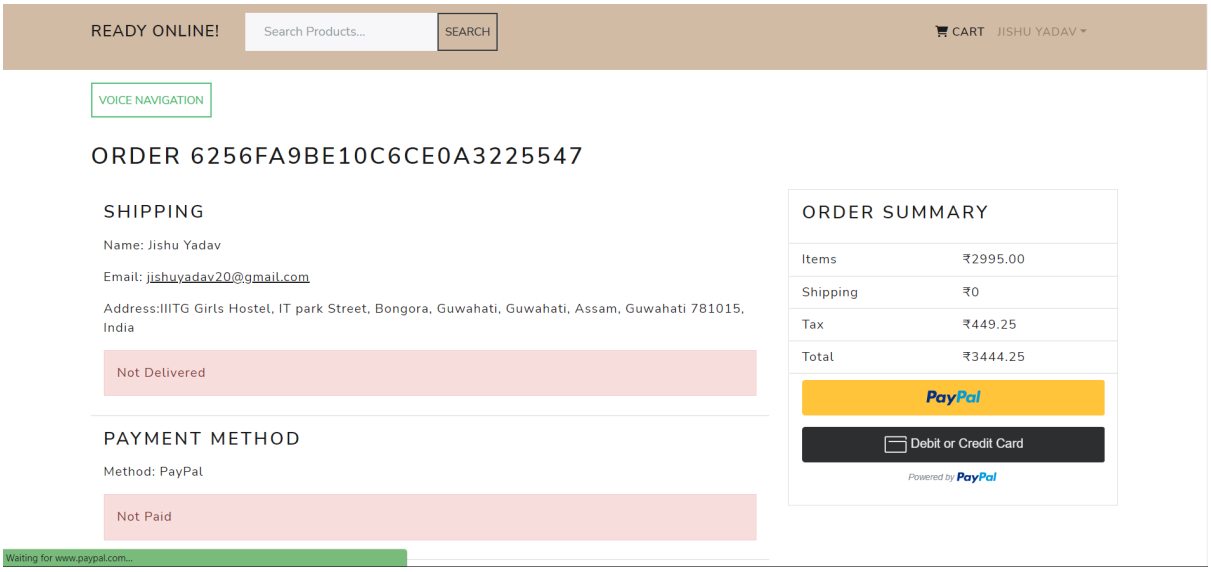
Output: The payment method has been selected.



Status: Passed

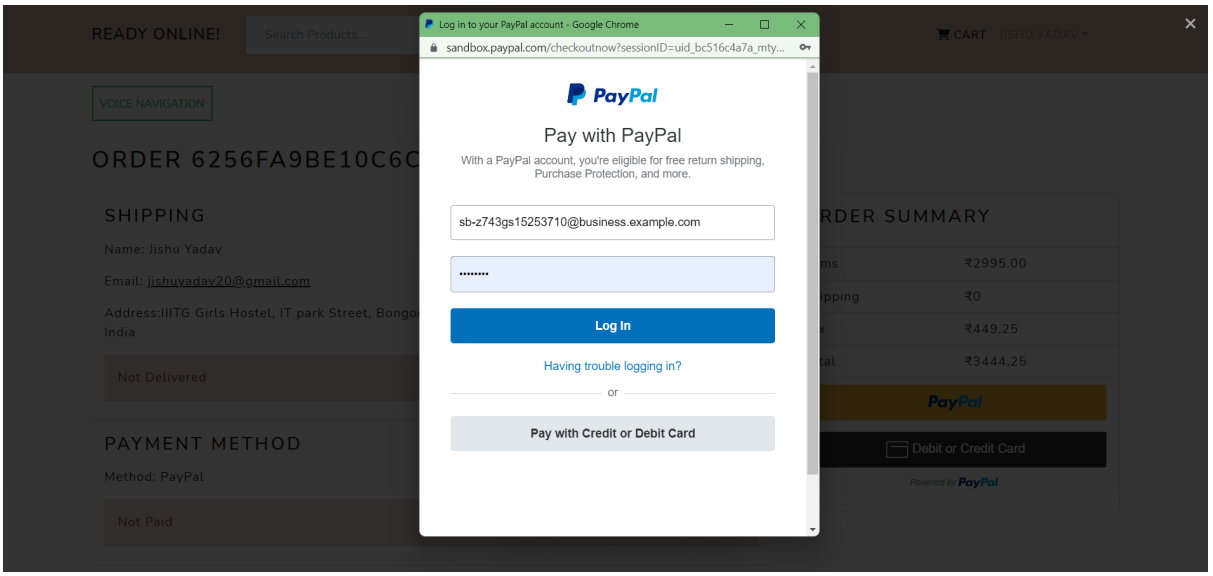
Test case #3.4: Making Transaction

Now we will make the actual payment using the selected payment method.

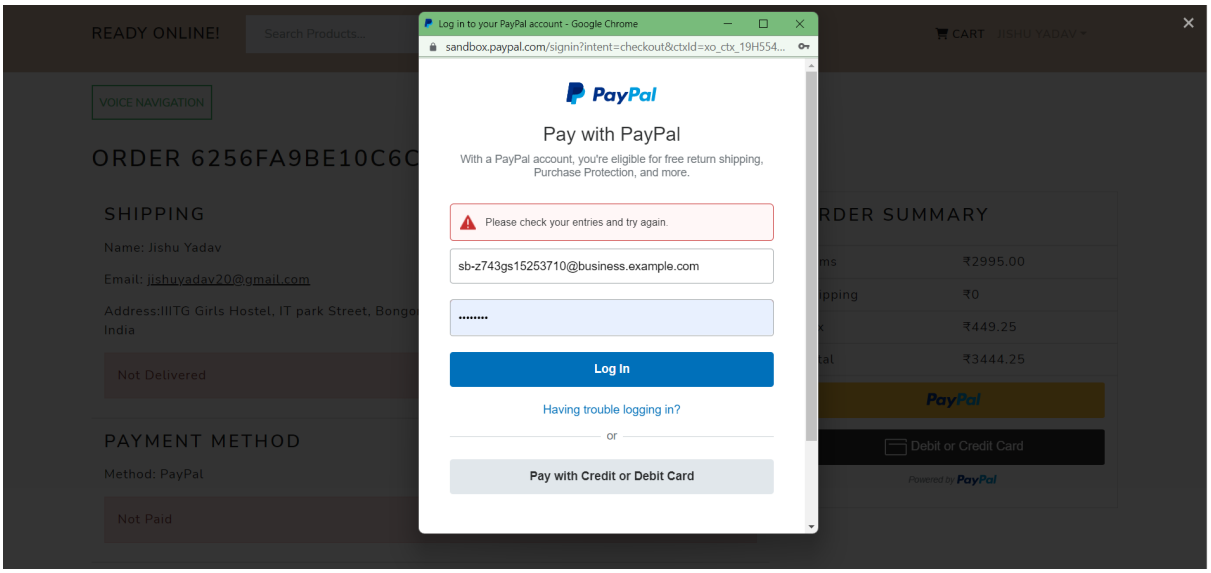


Test case #3.4.1: Correct username with wrong password

Input: Providing correct username with wrong password.



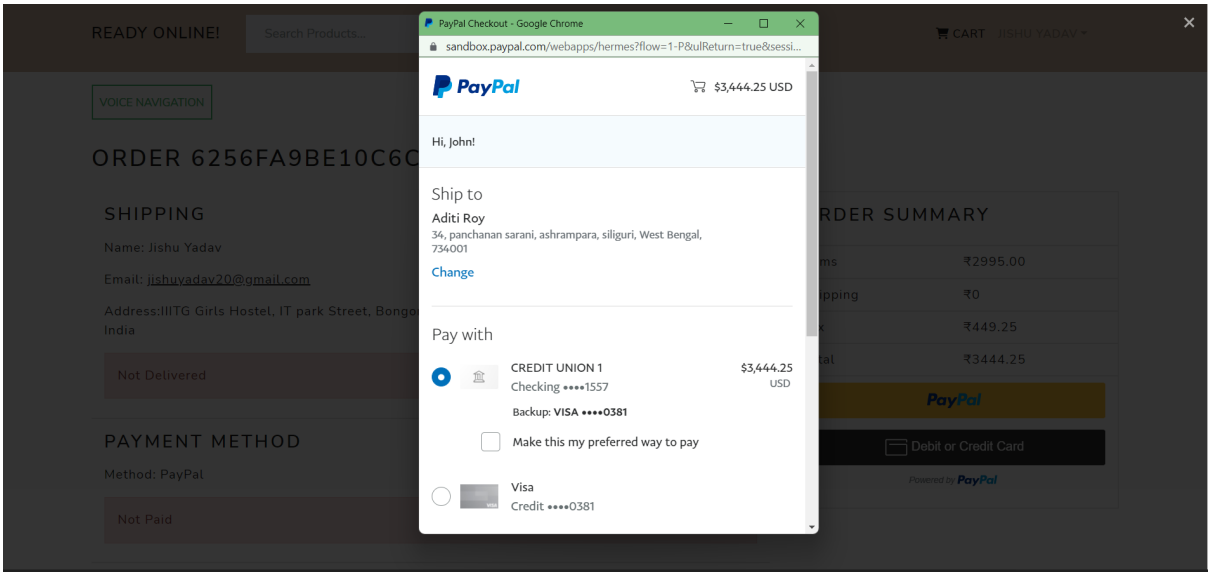
Output: As expected, it throws an error saying invalid details.



Status: Passed

Test case #3.4.2: Entering correct details and Making the payment

Input: Providing correct username and password and making the payment.

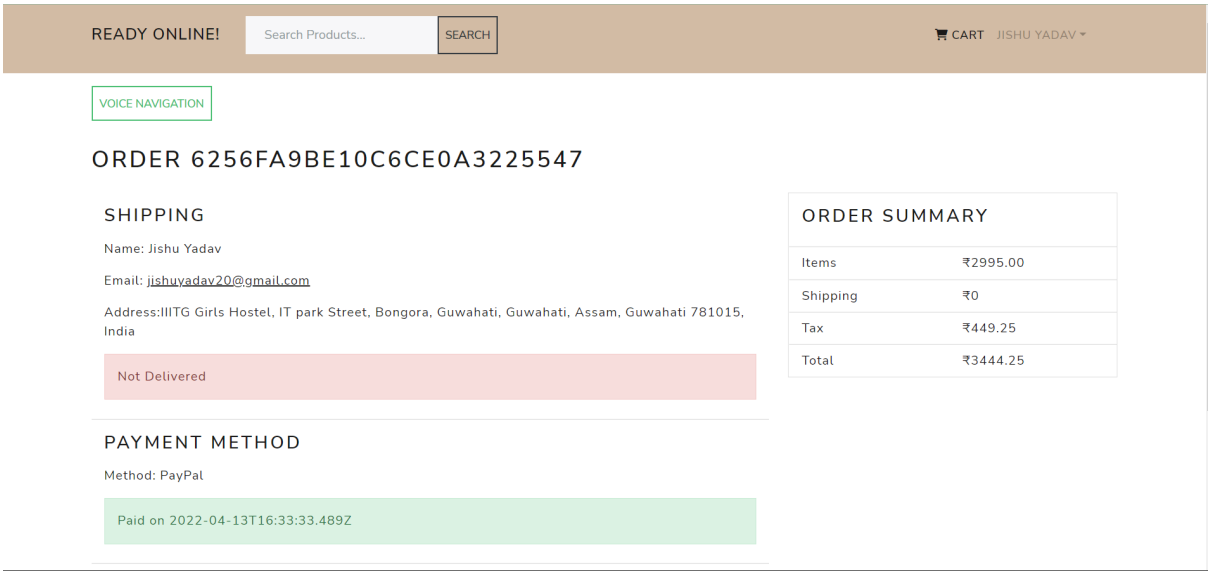


Output: The payment has been made and it is displayed as shown below.

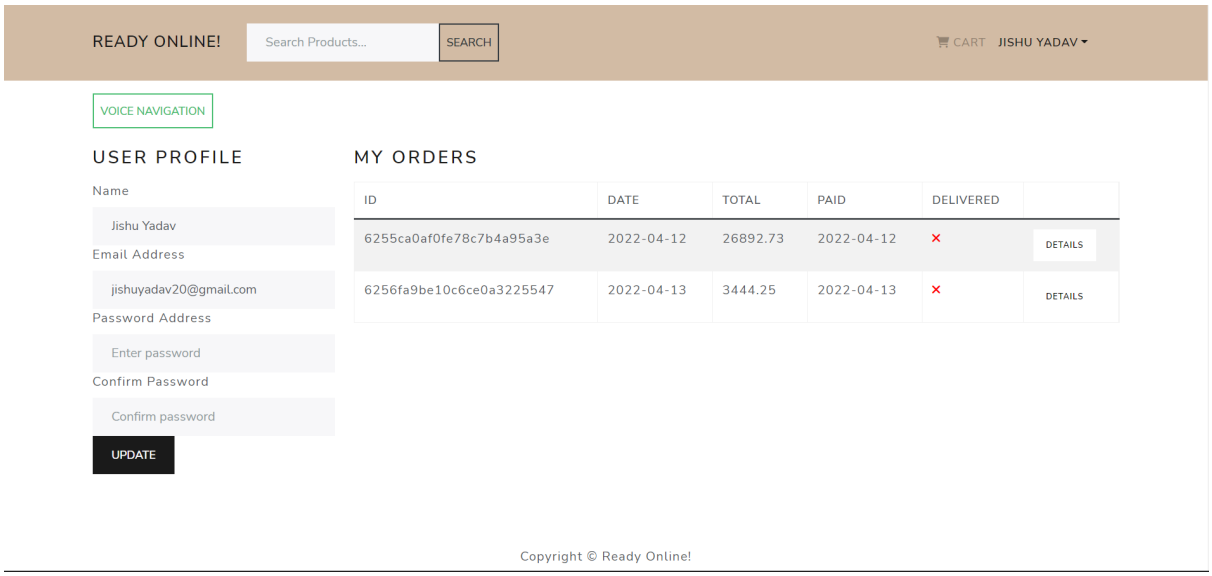
Status: Passed

Test case #3.5: Placing Order

Input: Placing the order after the transaction has been made.



Output: The order has been placed and is displayed in My Orders under the user dashboard.

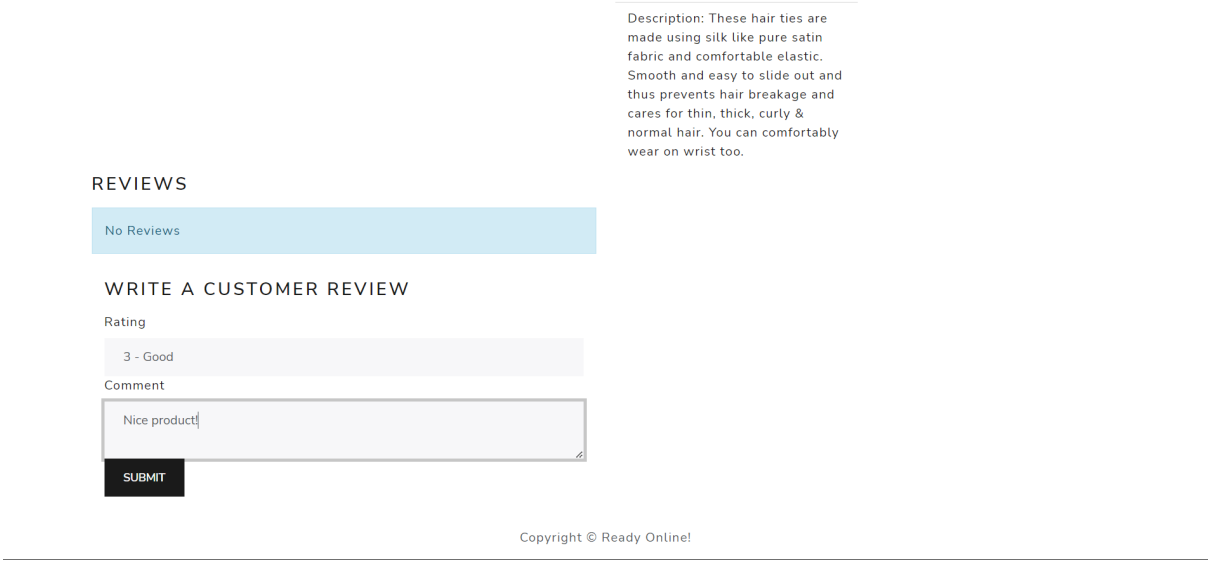


Status: Passed

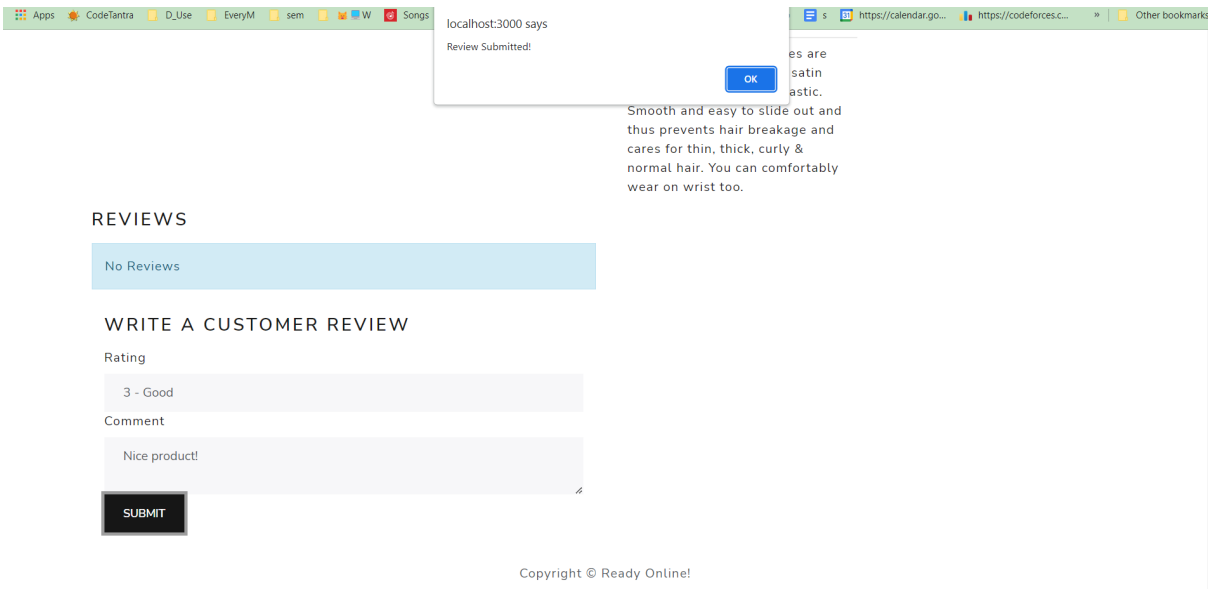
Test case #3.6: Writing Reviews

Test case #3.6.1: Successfully adding a review

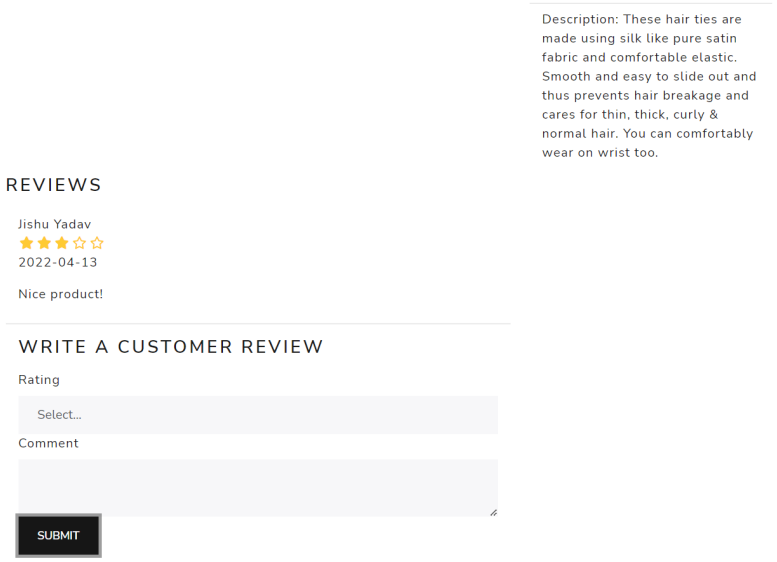
Input: We are adding a review by entering the rating along with a comment.



Output #1: A dialogue box appears saying 'Review Submitted'.



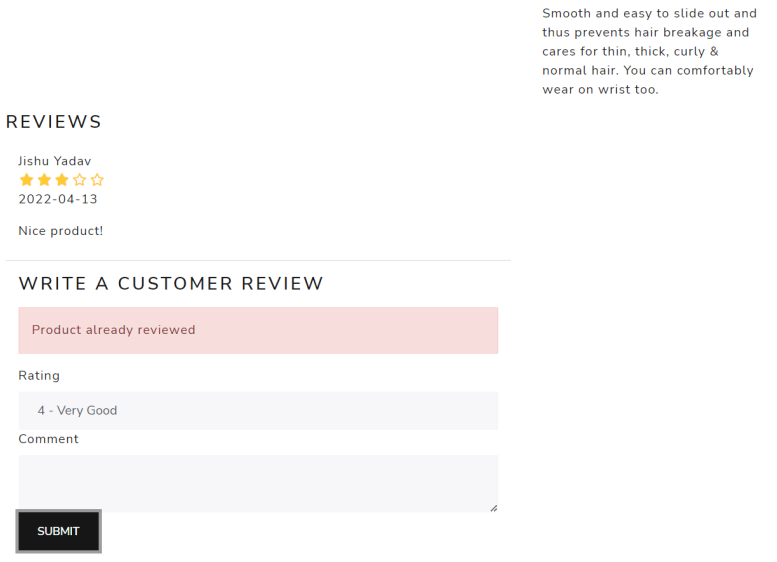
Output #2: The review has been submitted and is shown under the ‘Reviews’ section.



Status: Passed

Test case #3.6.2: Duplicate Review

Input: We are trying to add one more review for the same product using the same account.



Output: As expected, it is not allowing a duplicate review for the same product.

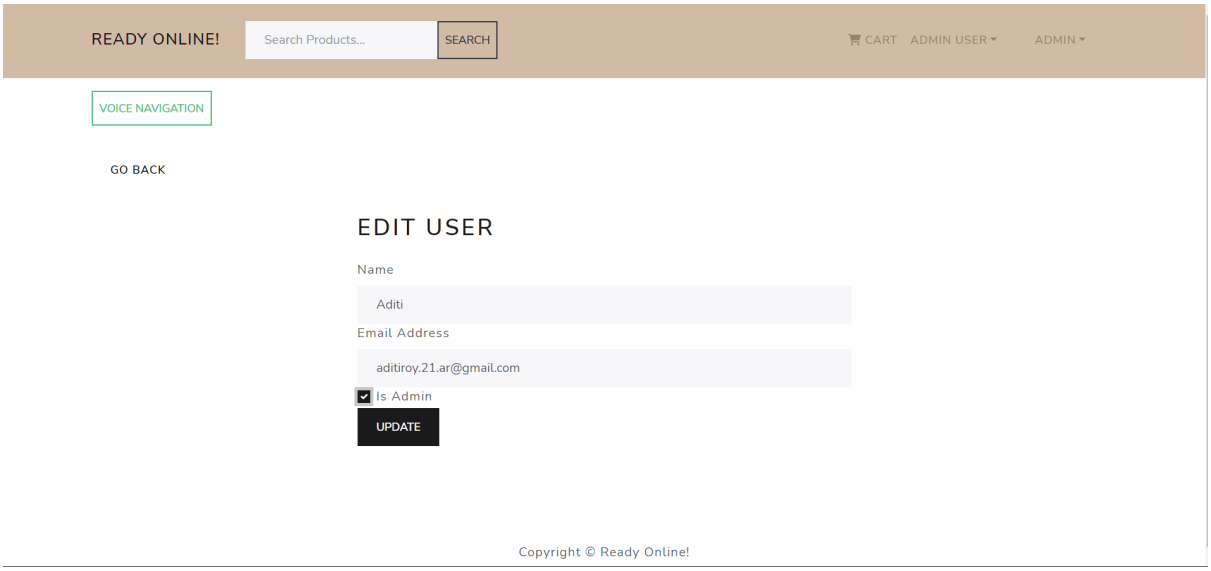
Status: Passed

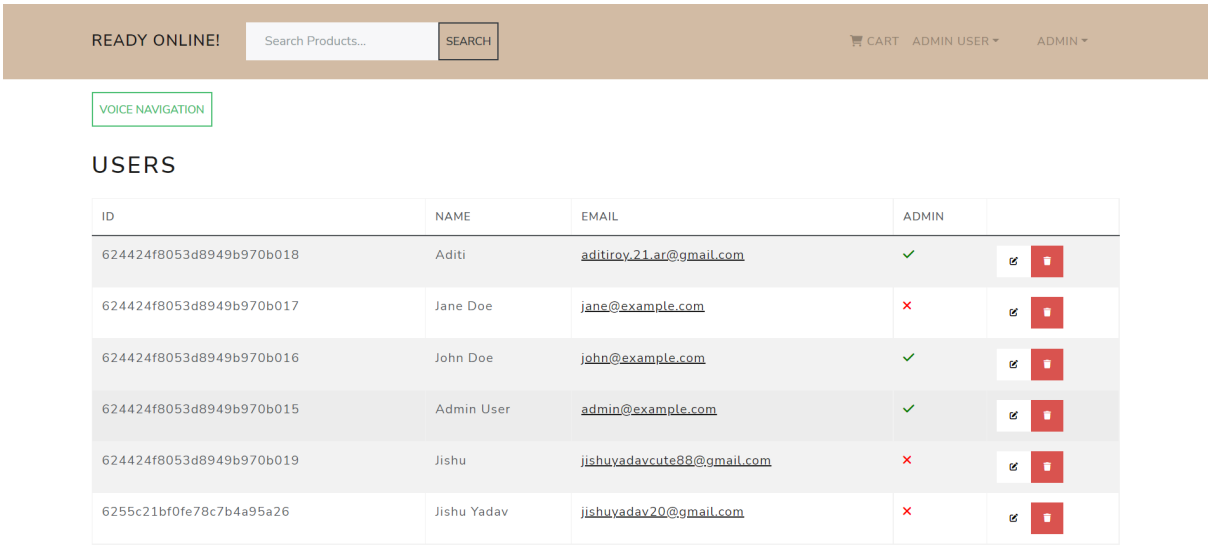
Test case #4: Admin dashboard

Test case #4.1: Making the user as an admin.

Input: Being an admin, we can just select by clicking on the 'isAdmin' checkbox.

Output: As soon as we select that checkBox, the user becomes an admin.



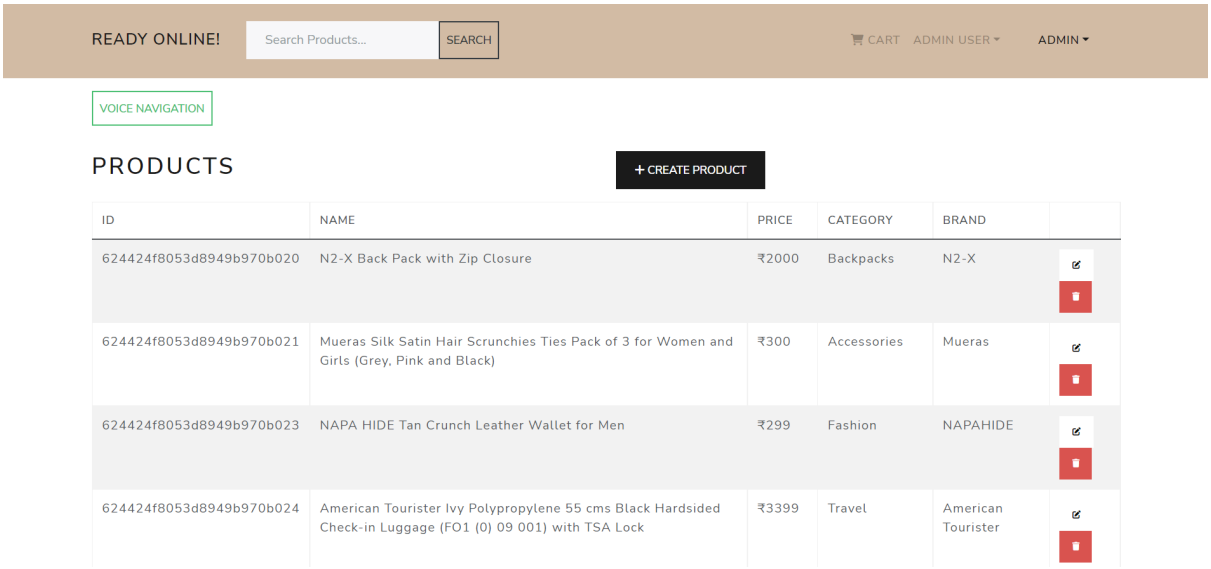


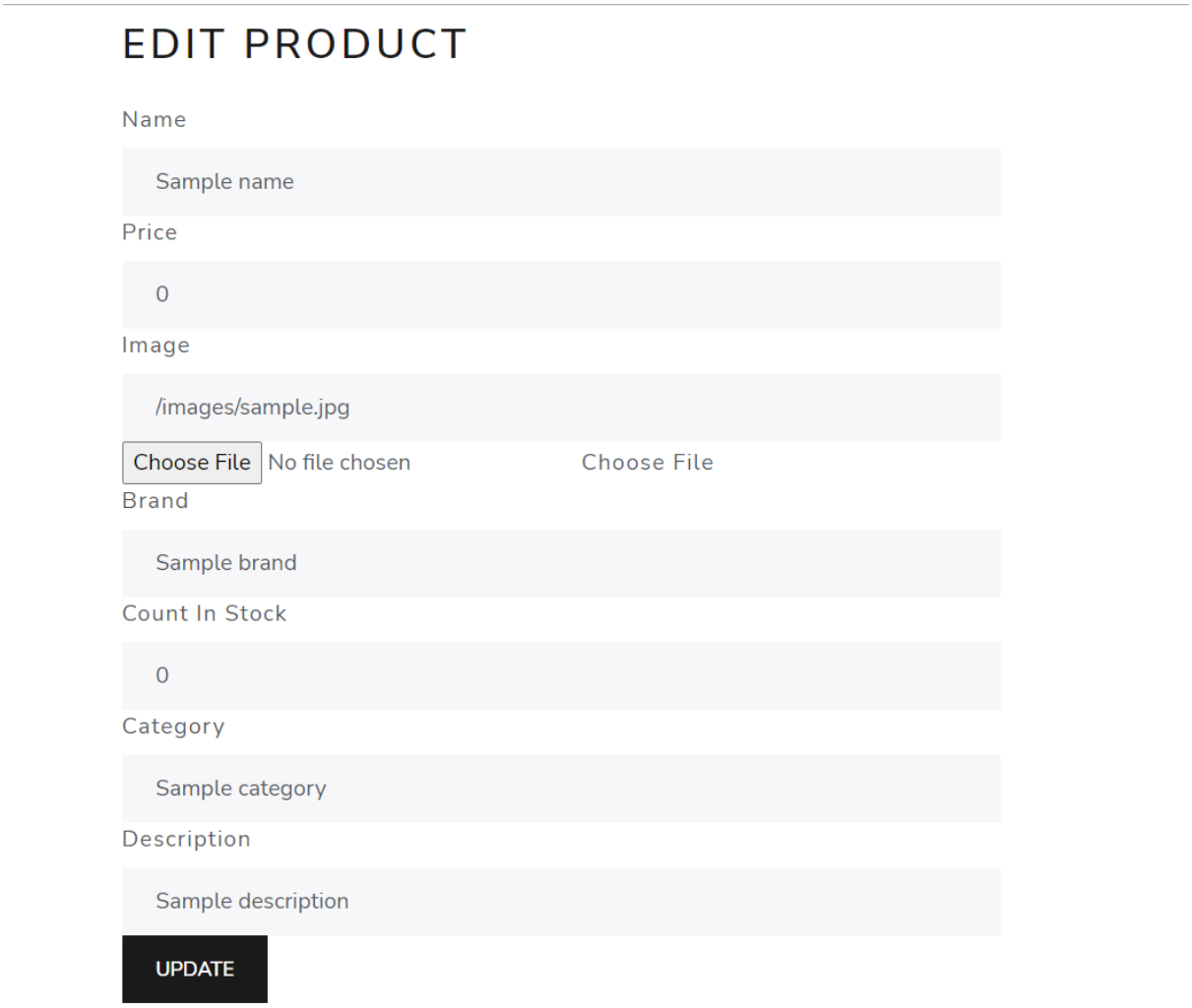
Status: Passed.

Test case #4.2: Editing product details.

Input: We can create products by just clicking on the create product.

Output: After entering all the details of a particular product, our product becomes visible on the dashboard.



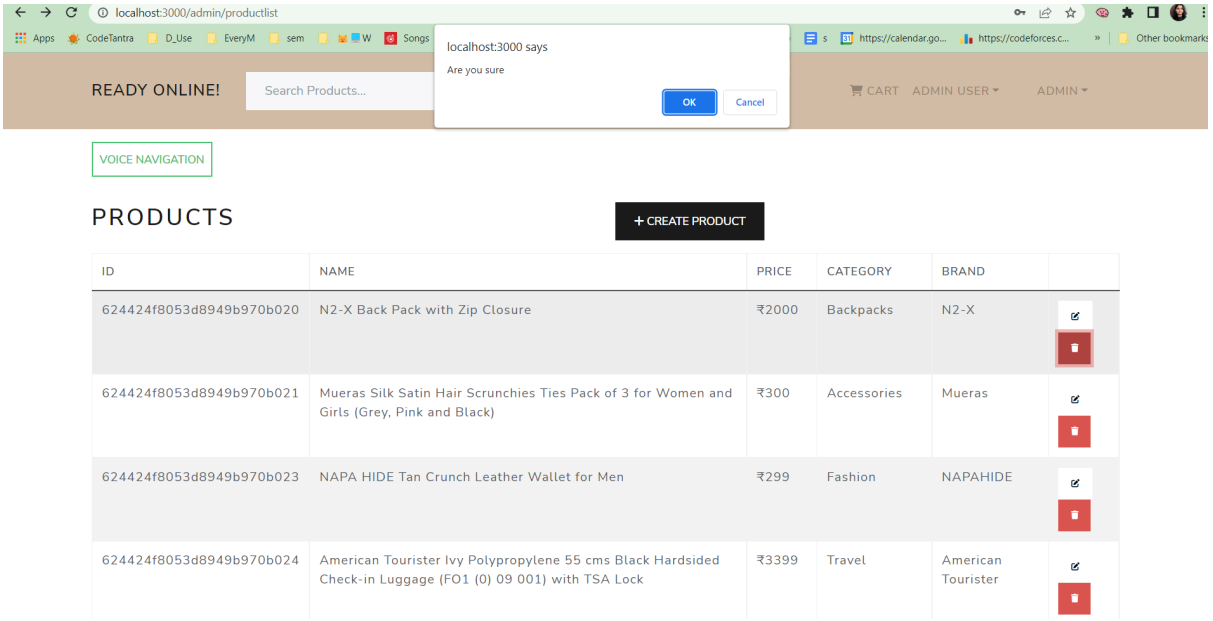


Status: Passed.

Test case #4.3: Deleting products

Input: Just click on the delete button on the right hand side of product to delete the product.

Output: Product gets deleted.

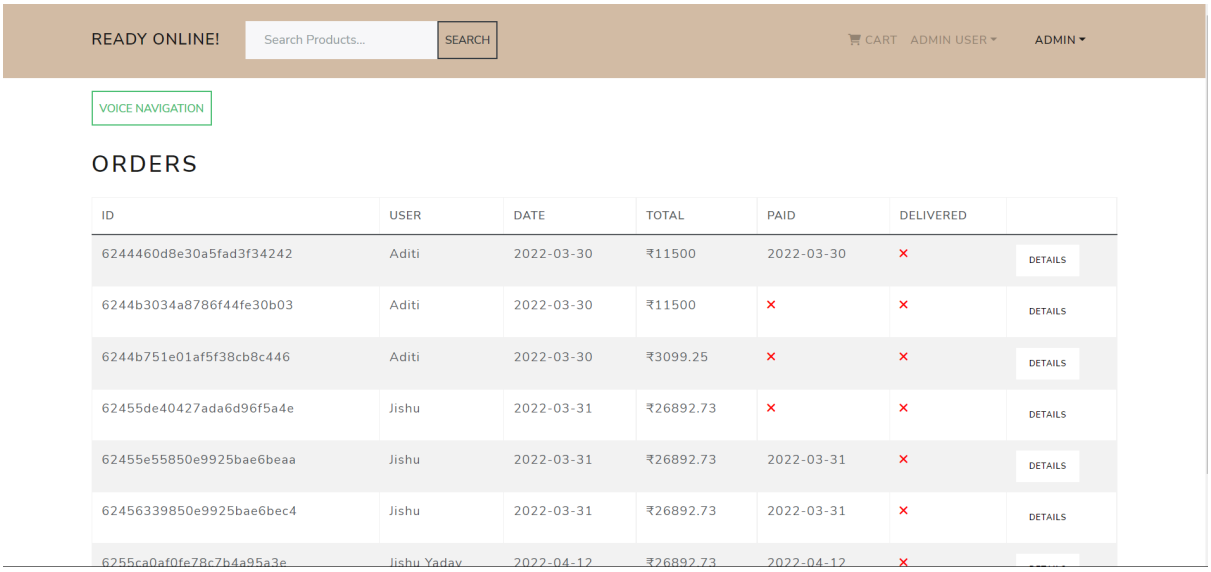


Status: Passed.

Test case #4.4: Managing user orders.

Input: Clicking on the user button on the admin dashboard.

Output: Buyer's Orders are visible on the dashboard.

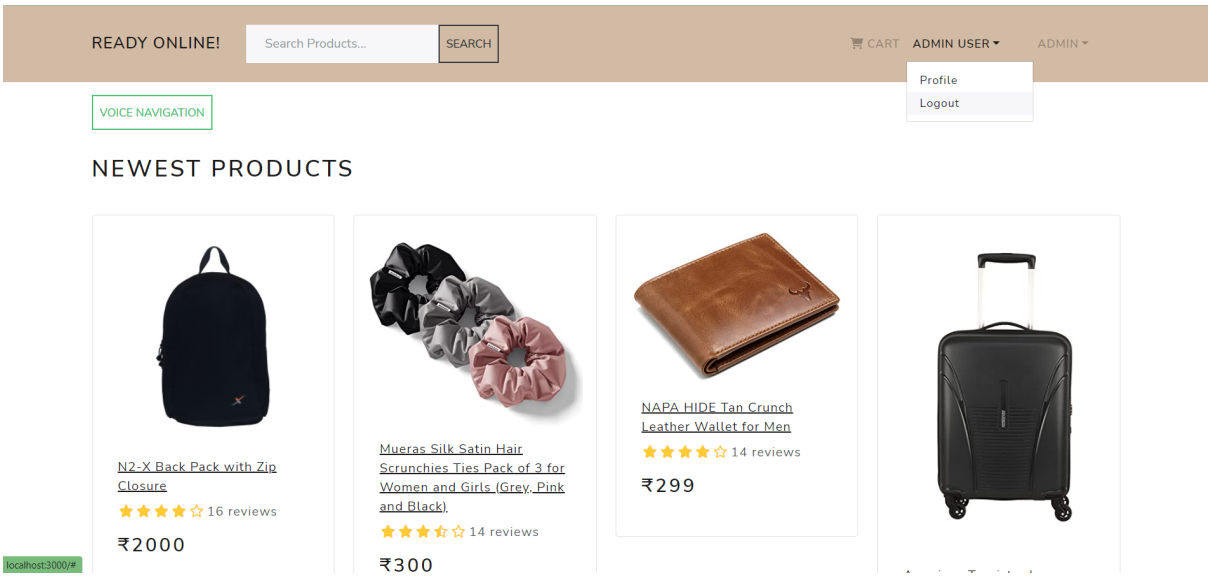


Status: Passed.

Test case #4.5: Log out

Input: Clicking on the log out button in the admin dashboard.

Output: Admin will be logged out

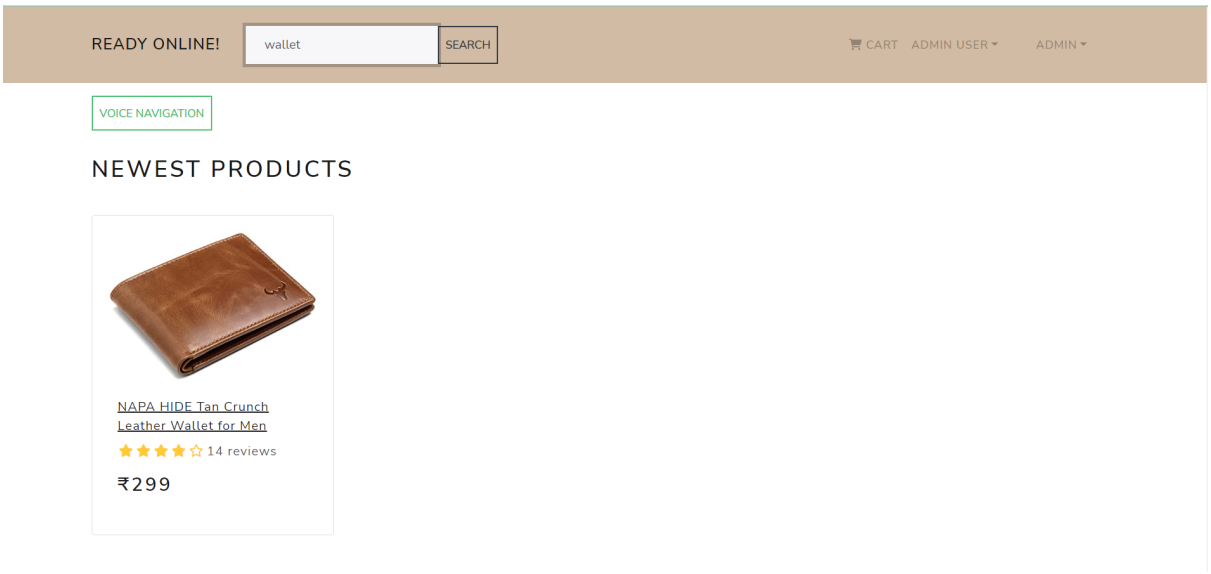


Status: Passed

Test case #5: Search Bar

Input: On typing ‘wallet’ in the search bar, we expect to see all the results related to it.

Output: Since, there is only 1 product related to wallets, we see that being listed.

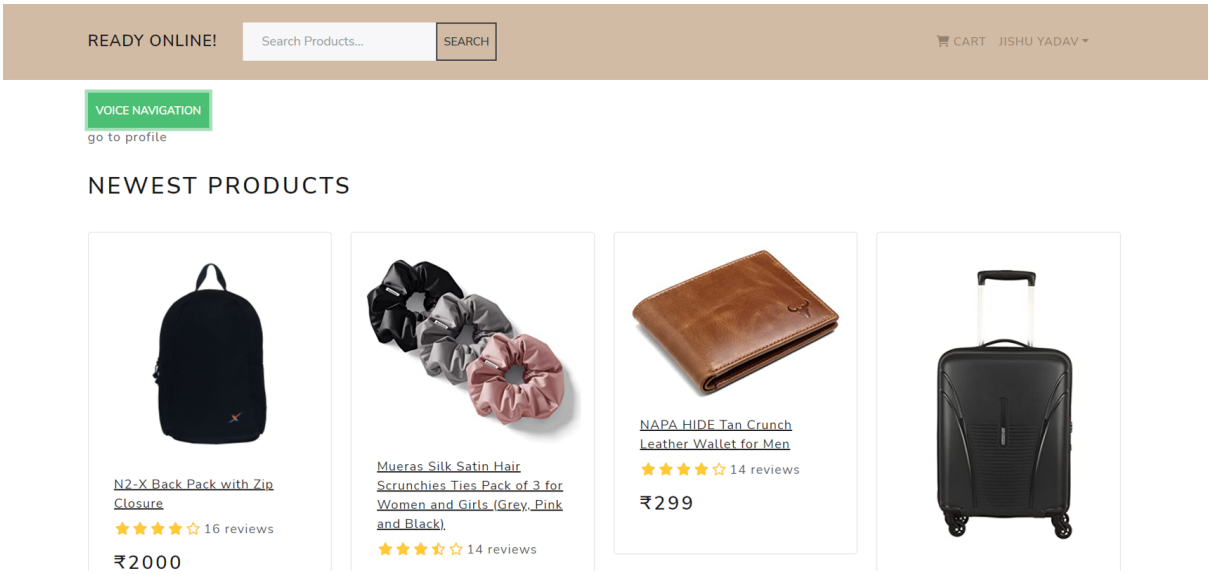


Status: Passed

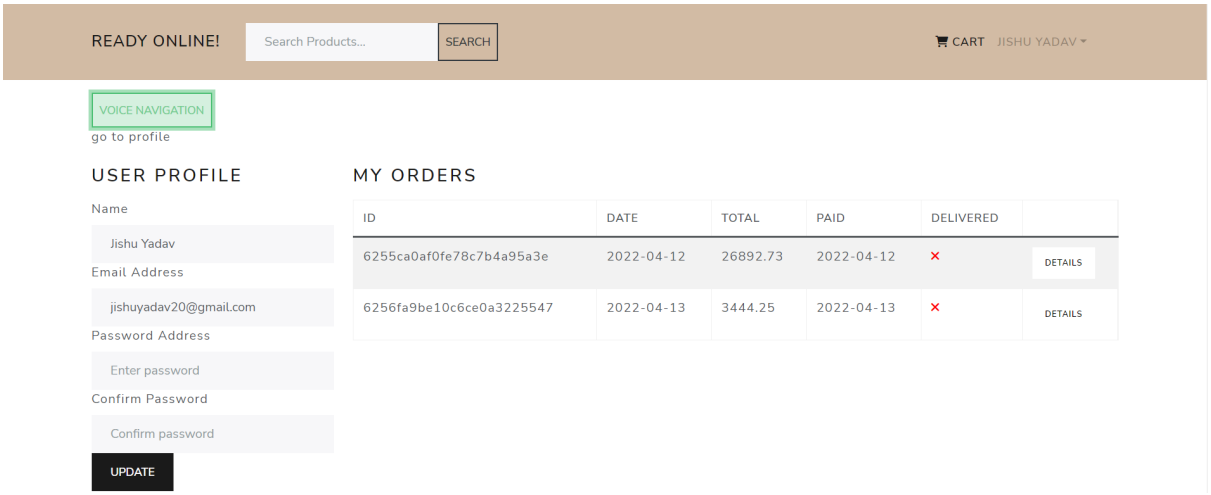
Test case #6: Voice Navigation

Test case #6.1: Navigating to a page that exists on the website.

Input: Using speech recognition we are navigating through the page as shown in the typescript.



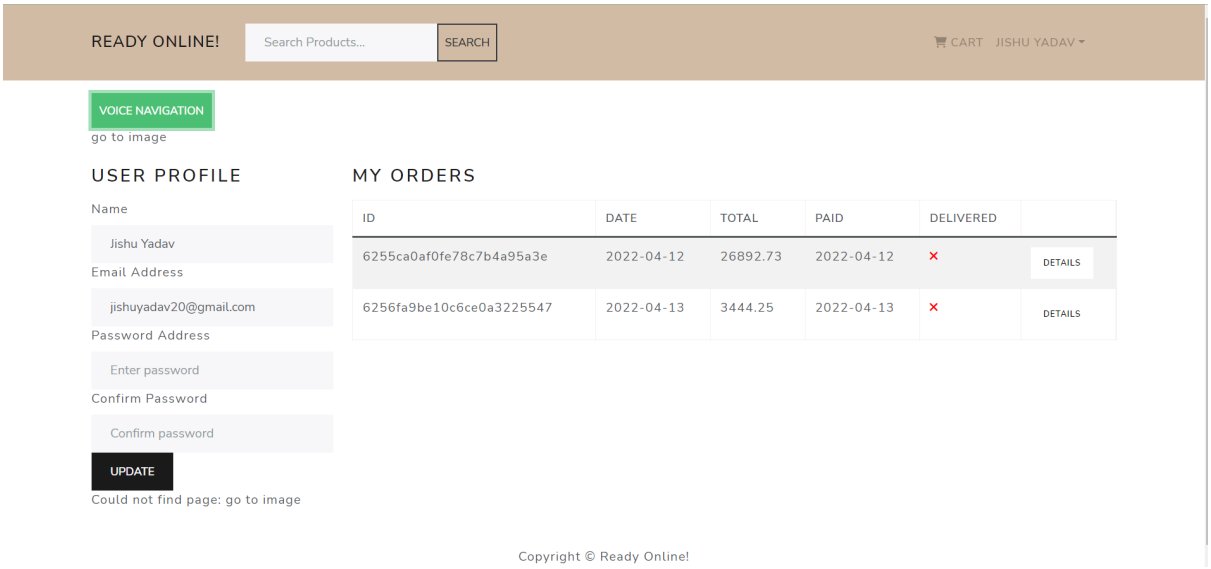
Output: The user is now redirected to the page as mentioned in the typescript.



Status: Passed

Test case #6.2: Navigating to a page that does not exist on the website.

Input: Using speech recognition we are navigating through the page as shown in the typescript.



Output: The user is not redirected to the page and the error message saying “Could not find page” is displayed.

Status: Passed