# Chapter-5 Testing

Testing is the process of evaluating the system to know whether it has fulfilled the requirement or not.

## Unit Testing

Unit Testing is the testing where individual component of the system is tested to find any error in the logic.

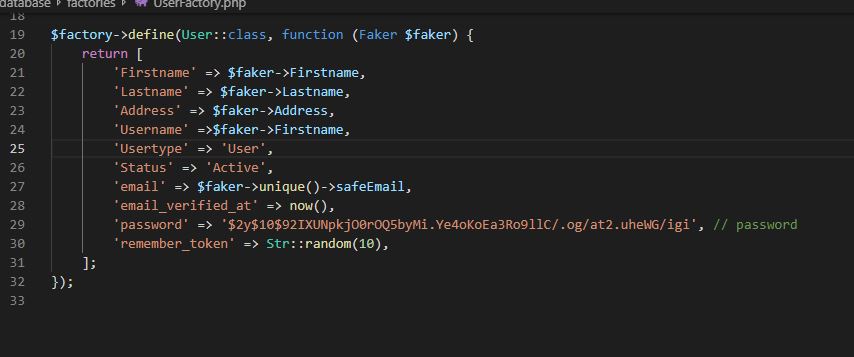


Figure 1: Fake Data for register

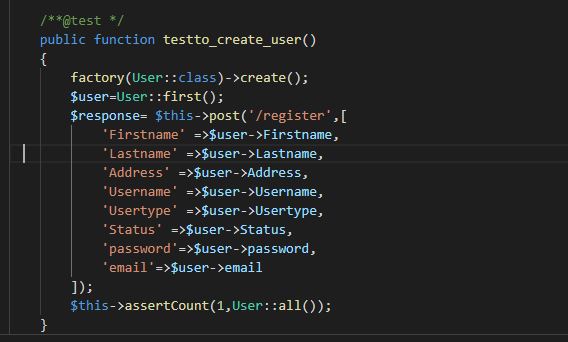


Figure 2: Testing the data

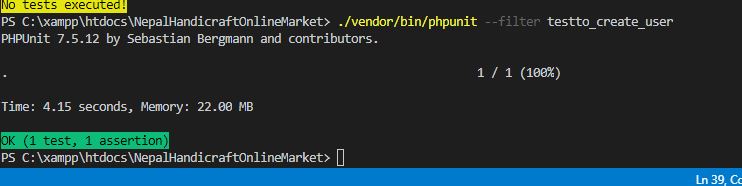


Figure 3: Test Pass

|  |  |
| --- | --- |
| Test Id | 1 |
| Test Class | User |
| Expected Outcome | User Creation Successful |
| Actual Outcome | User Creation was successful |

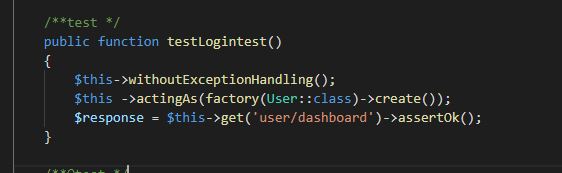


Figure 4: Login Test

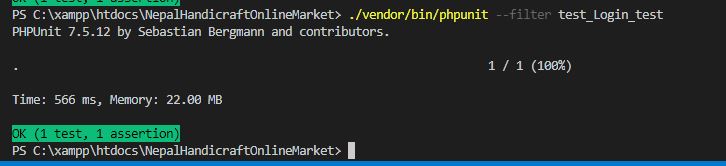


Figure 5: Test Pass

|  |  |
| --- | --- |
| Test ID | 2 |
| Test Class | User |
| Test Data | Email=john@example.com, password=” testpass123” |
| Expected Outcome | Login Successful |
| Actual Outcome | Login was successful |

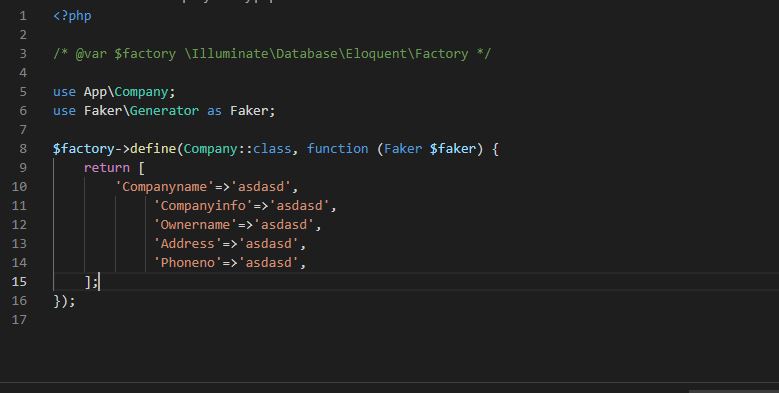


Figure 6: Fake Company Data

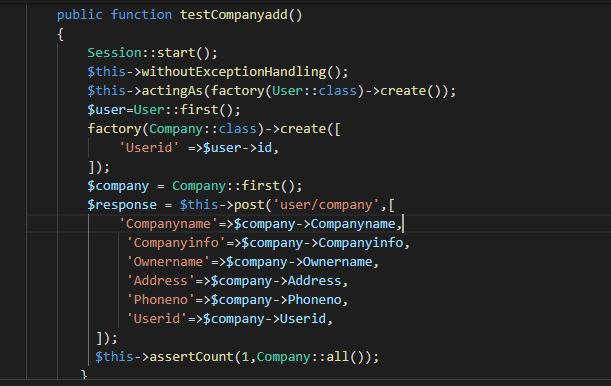


Figure 7: Company Add Test



Figure 8: Test Pass

|  |  |
| --- | --- |
| Test ID | 3 |
| Test Class | Company |
| Test Data | CompanyName=esewa, company detail=asdasd, owner name=1, address=1234, phoneno=asdasd, userid=1 |
| Expected Outcome | Added Successful |
| Actual Outcome | Company was added successful |

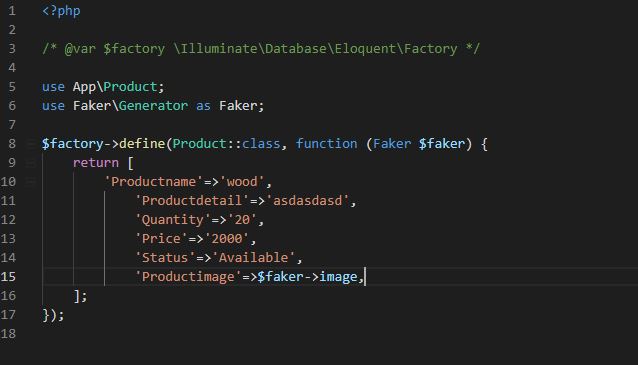


Figure 9: Product Faker data

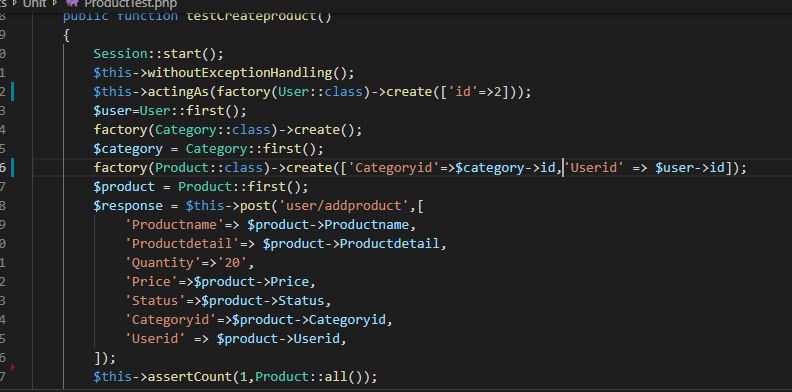


Figure 10: Product Add Test



Figure 11: Test Pass

|  |  |
| --- | --- |
| Test ID | 4 |
| Test Class | Product |
| Expected Result | Product Detail successfully added |
| Actual Result | Product Detail was successfully added |

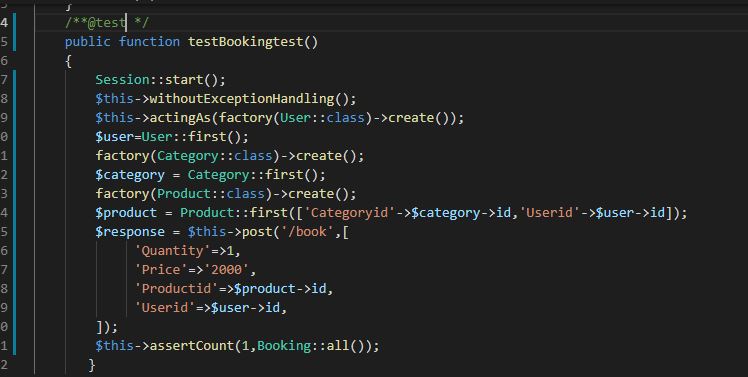


Figure 12: Booking Test



Figure 13: Test Pass

|  |  |
| --- | --- |
| Test ID | 5 |
| Test Class | Booking |
| Expected Result | Booking Data addition |
| Actual Result | Booking data was successfully added |

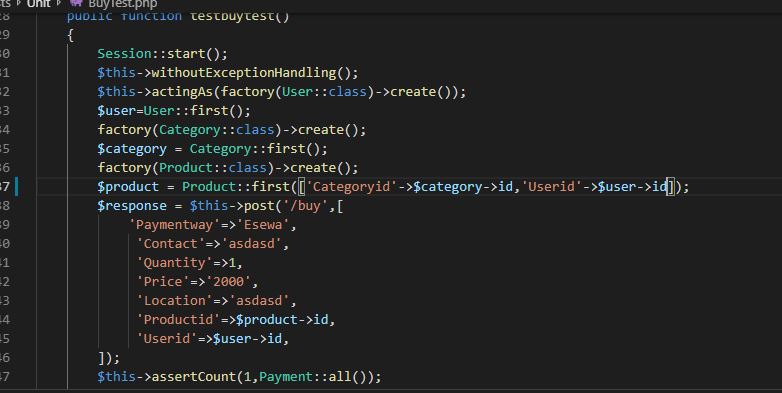


Figure 14: Payment Detail Add Test

Figure 15: Test pass

|  |  |
| --- | --- |
| Test ID | 6 |
| Test Class | Payment |
| Expected Outcome | Payment Data addition successful |
| Actual Outcome | Payment data was successfully added |

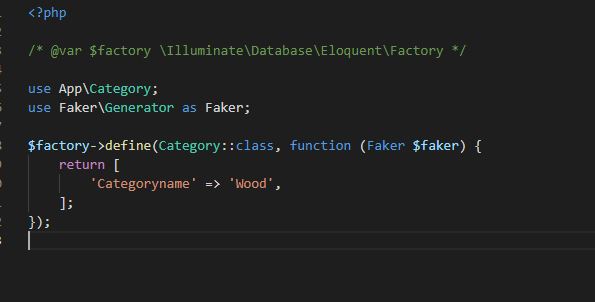


Figure 16: Faker category data



Figure 17: Add Category test

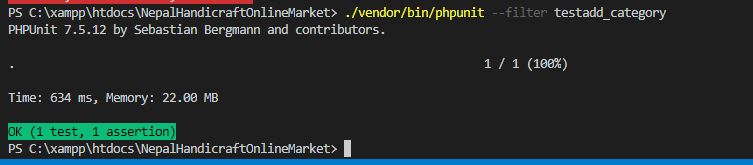


Figure 18: Category Add Pass

|  |  |
| --- | --- |
| Test ID | 7 |
| Test Class | Category |
| Expected Outcome | Category Data addition successful |
| Actual Outcome | Category data was successfully added |

## Black Box Testing

Black-box testing is a method of software testing that examines the functionality of an application without peering into its internal structures or workings.

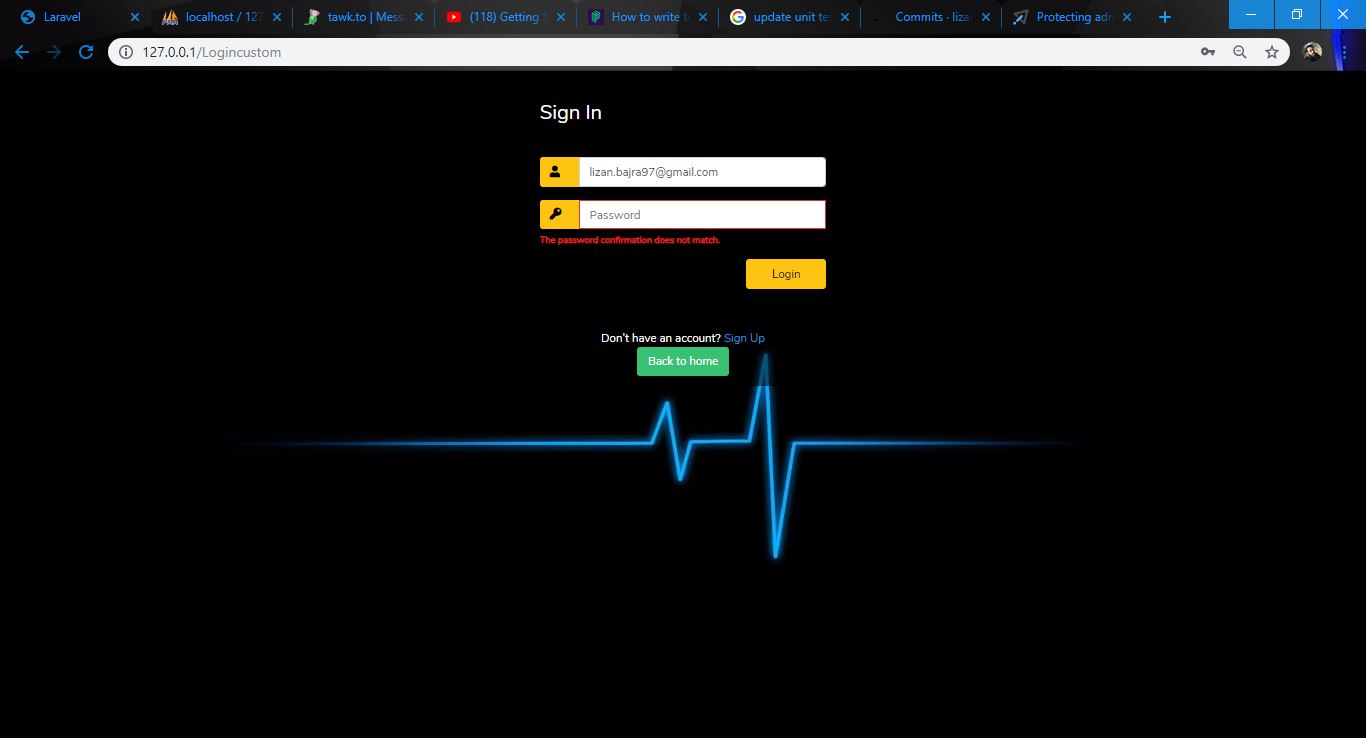


Figure 19: Wrong Login Info

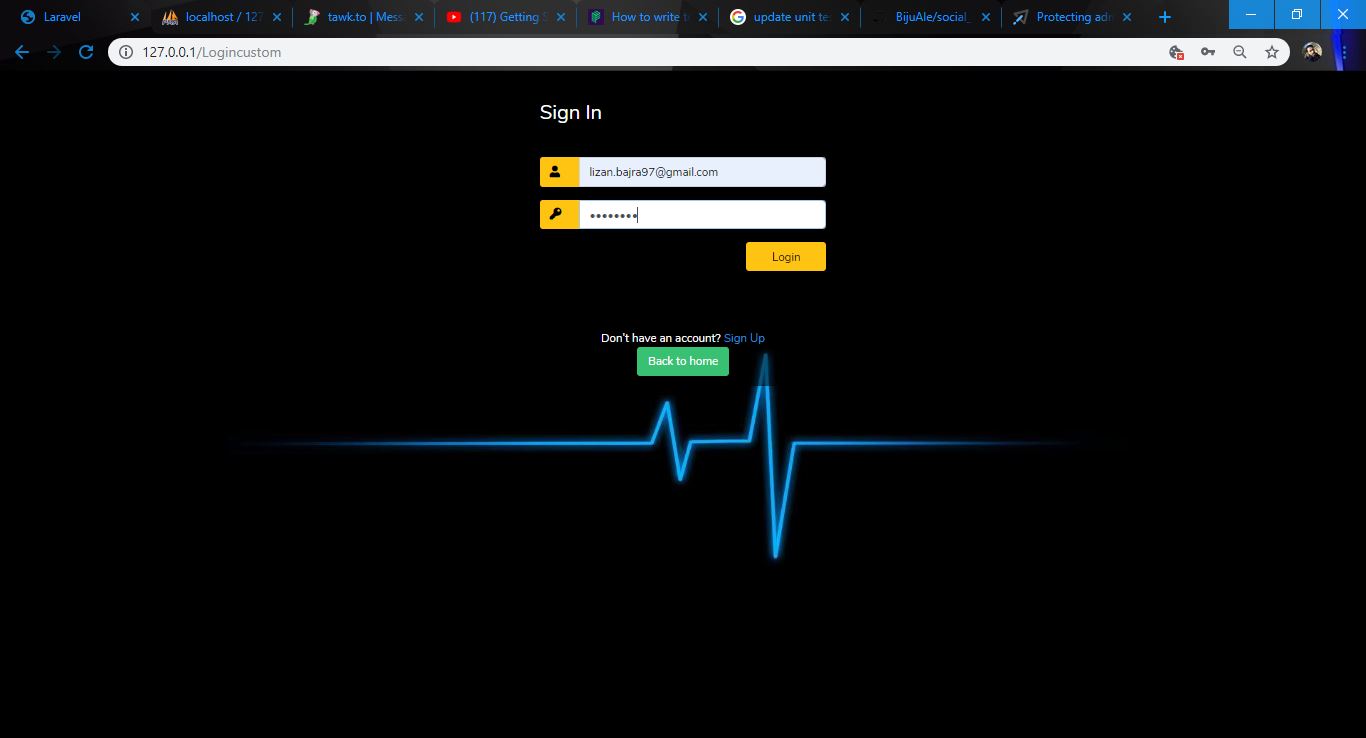


Figure 20: Before Admin Login

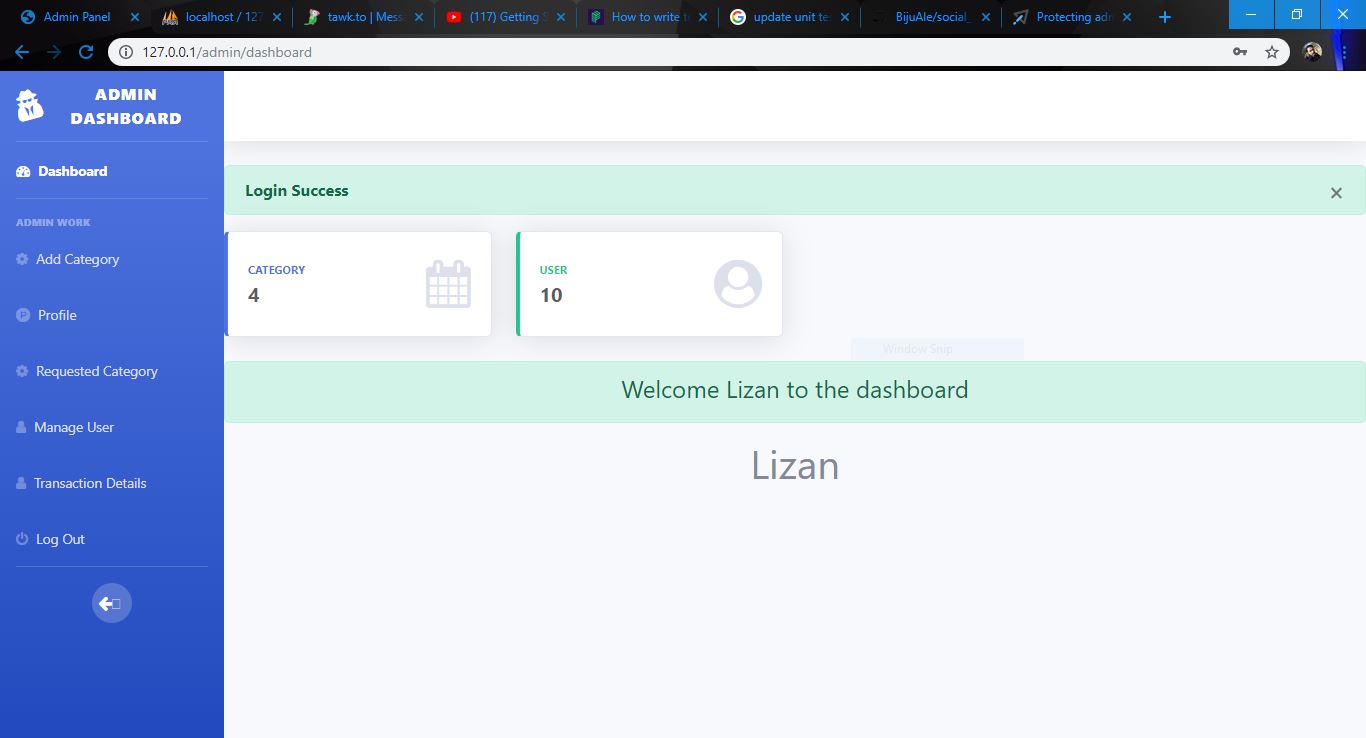


Figure 21: After Login

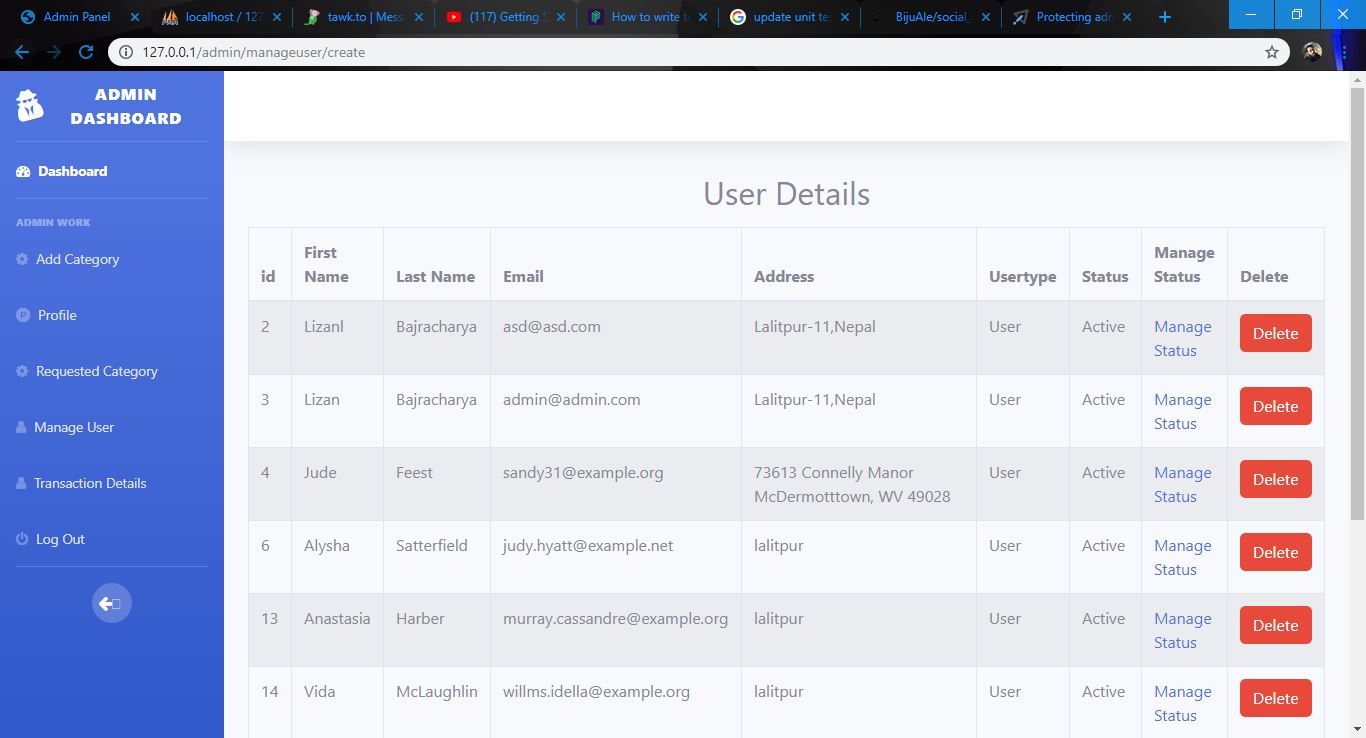


Figure 22: Status Update Before

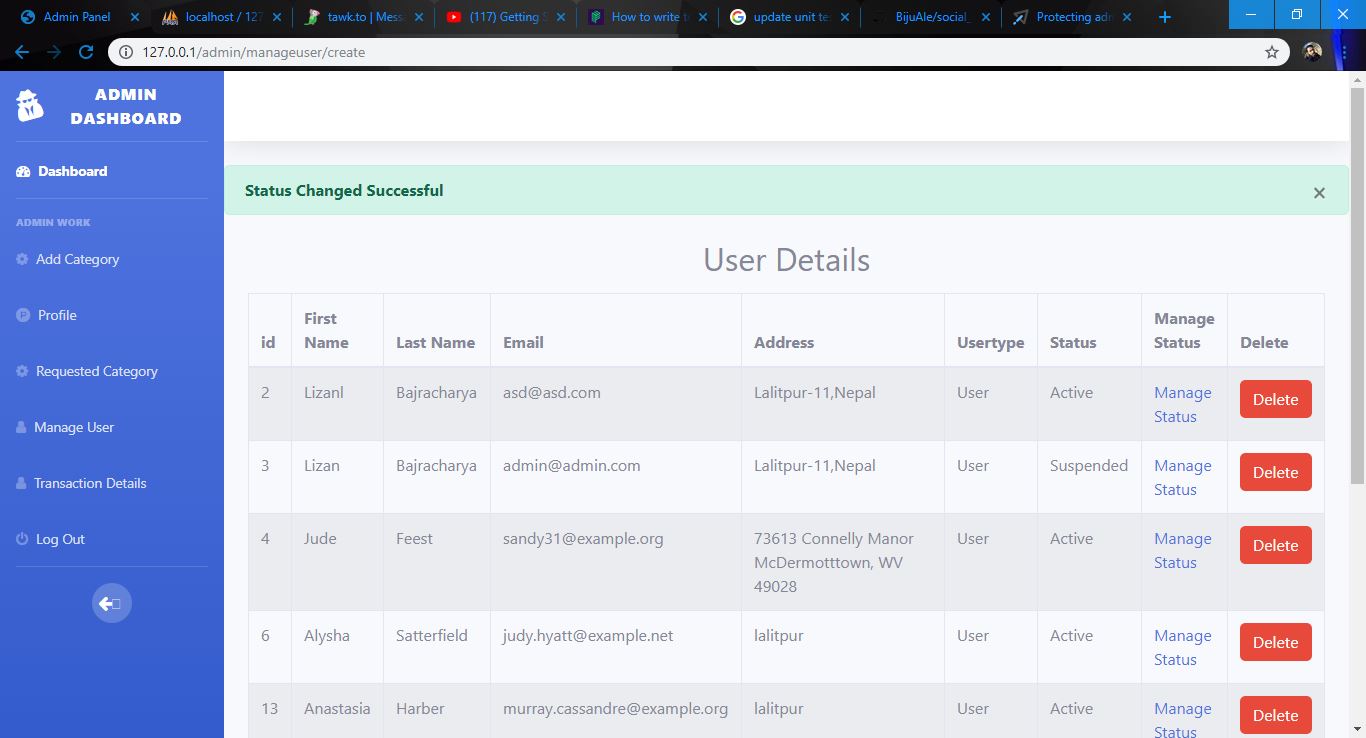


Figure 23: After Change

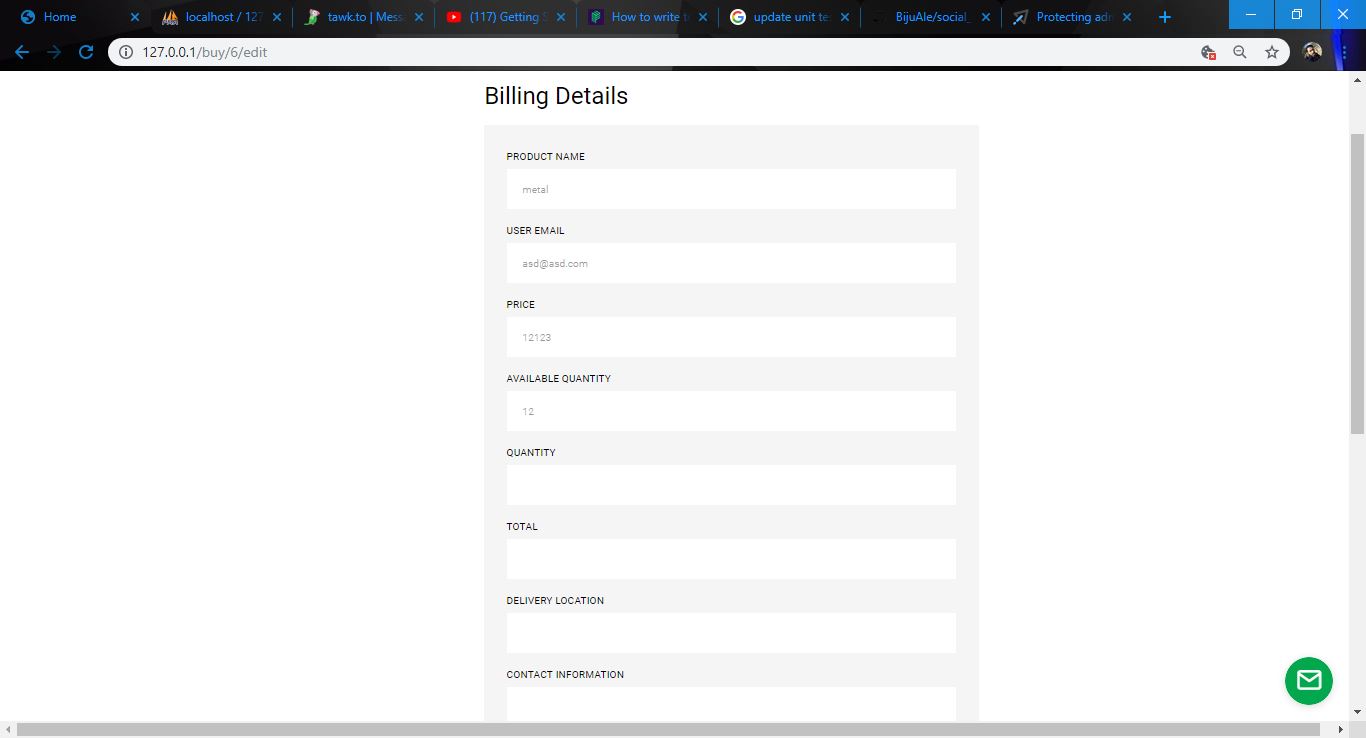


Figure 24: Payment Process

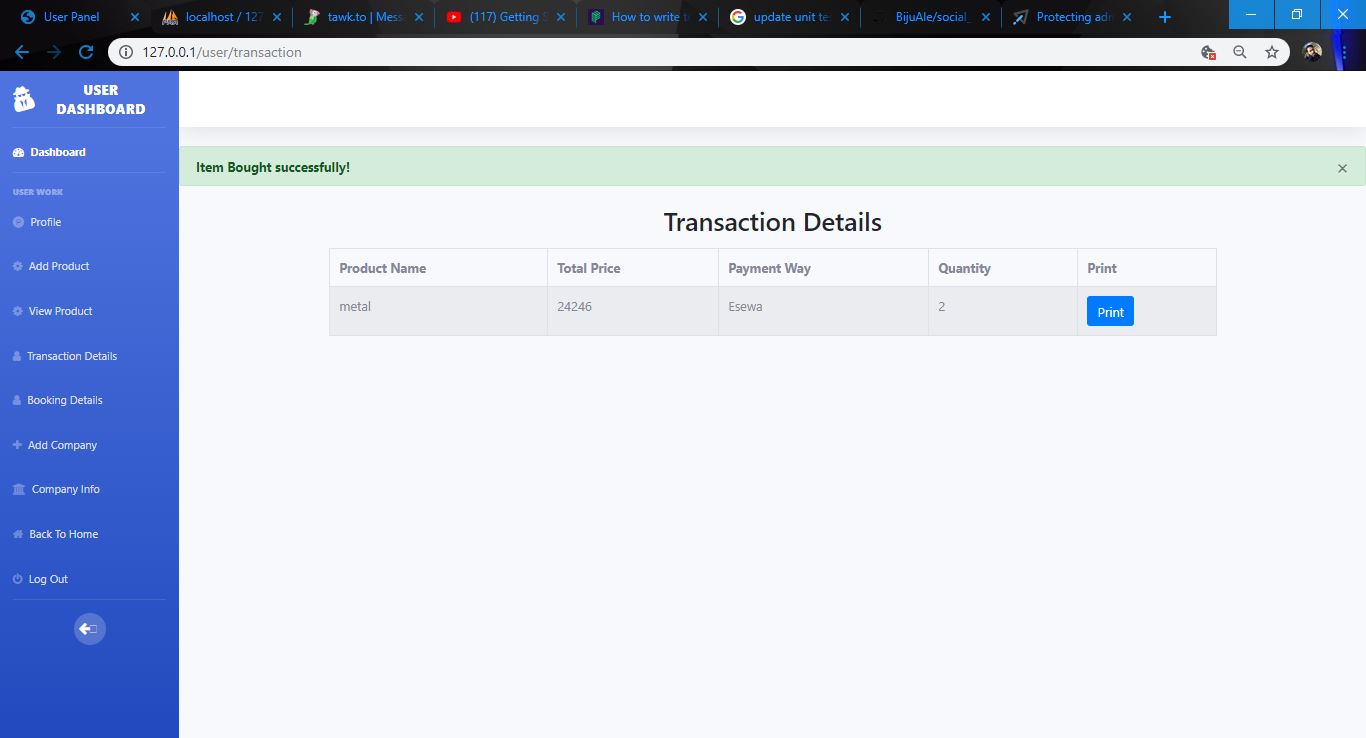


Figure 25: After Payment

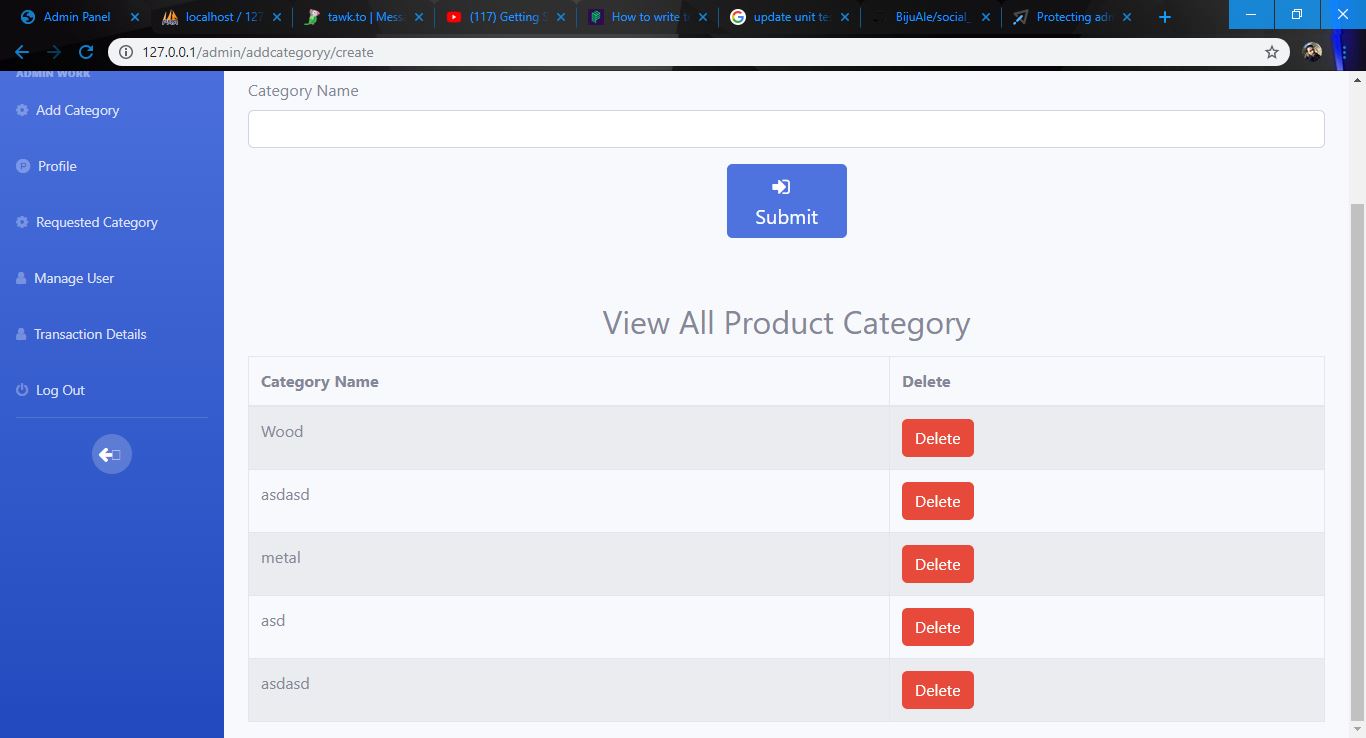


Figure 26: Before Addition

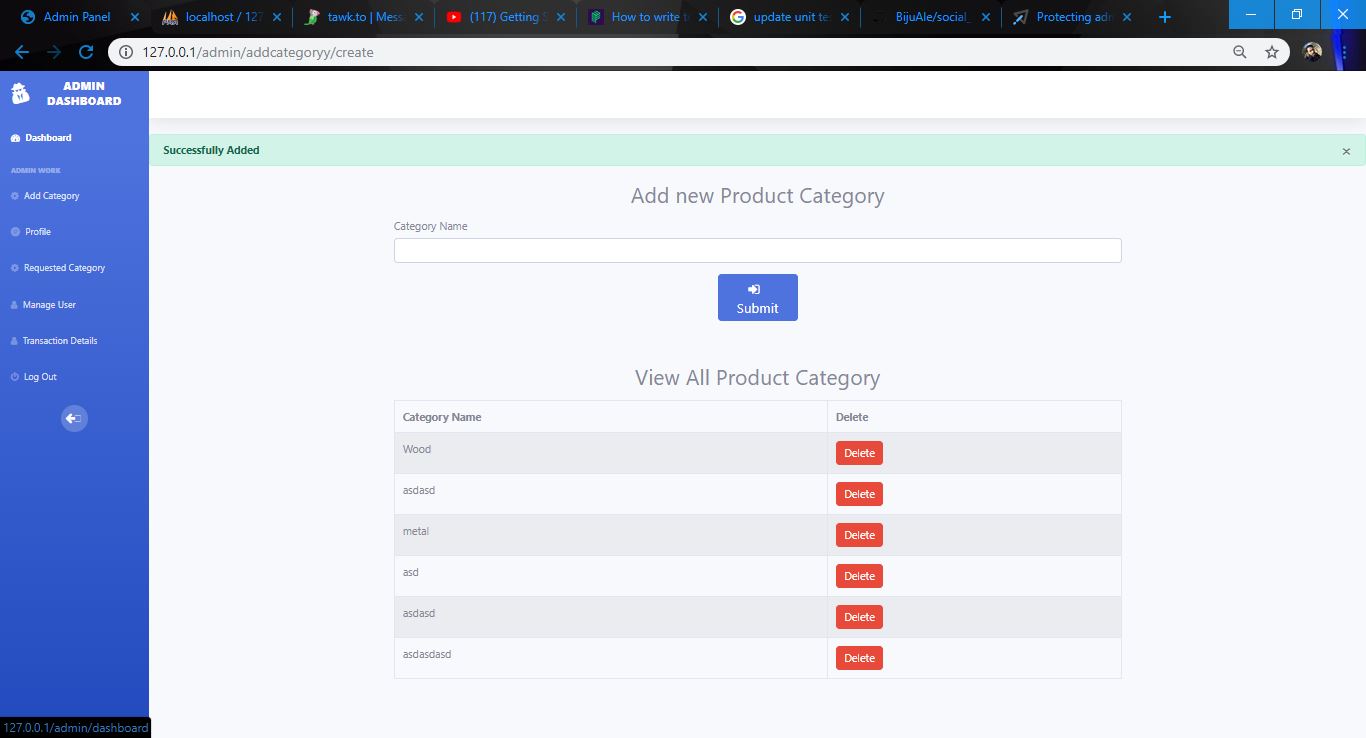


Figure 27: After Addition

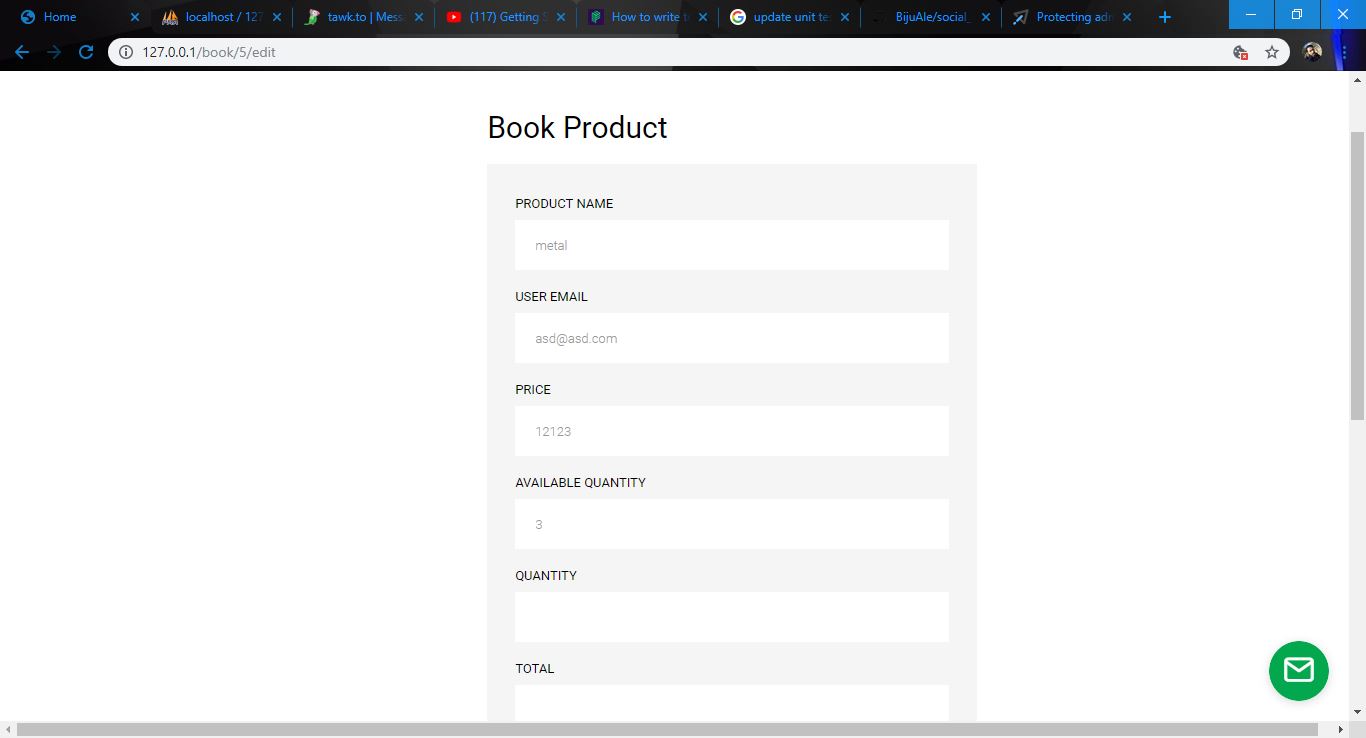


Figure 28: Booking Details

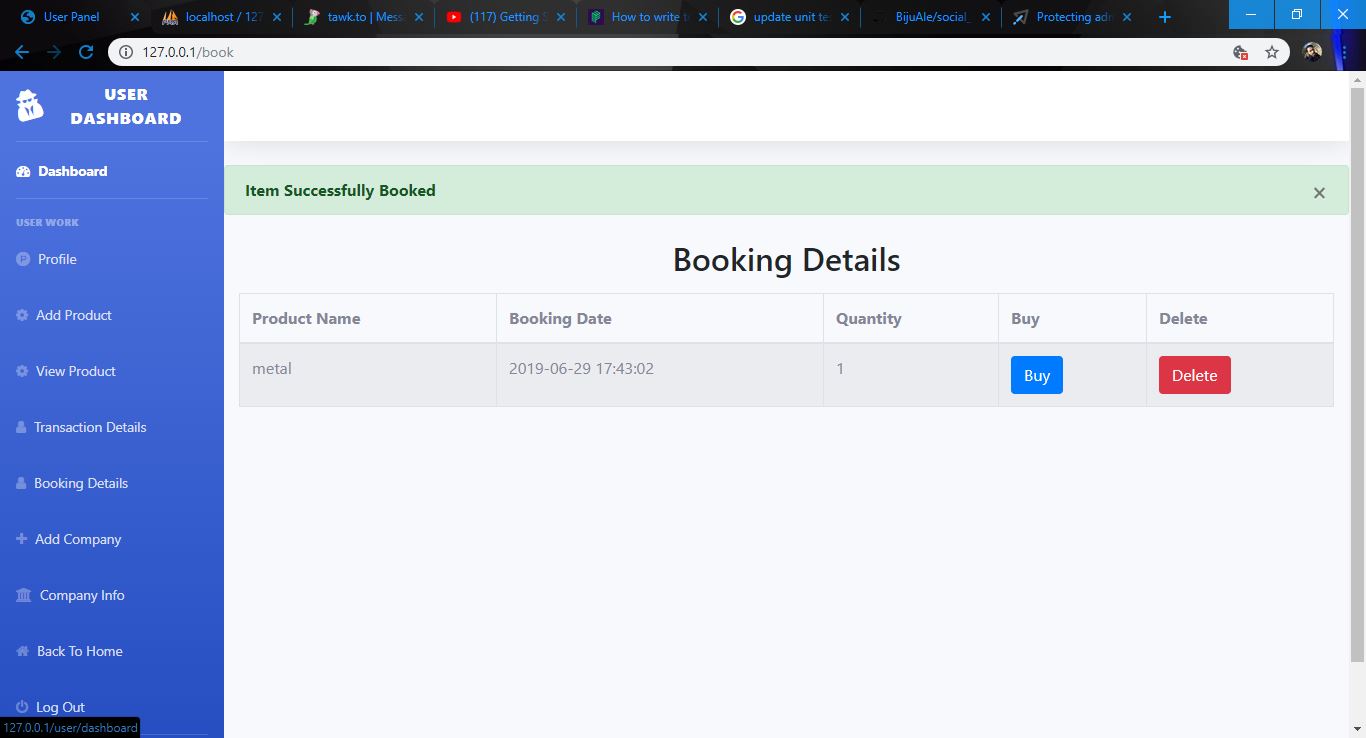


Figure 29: After Booking

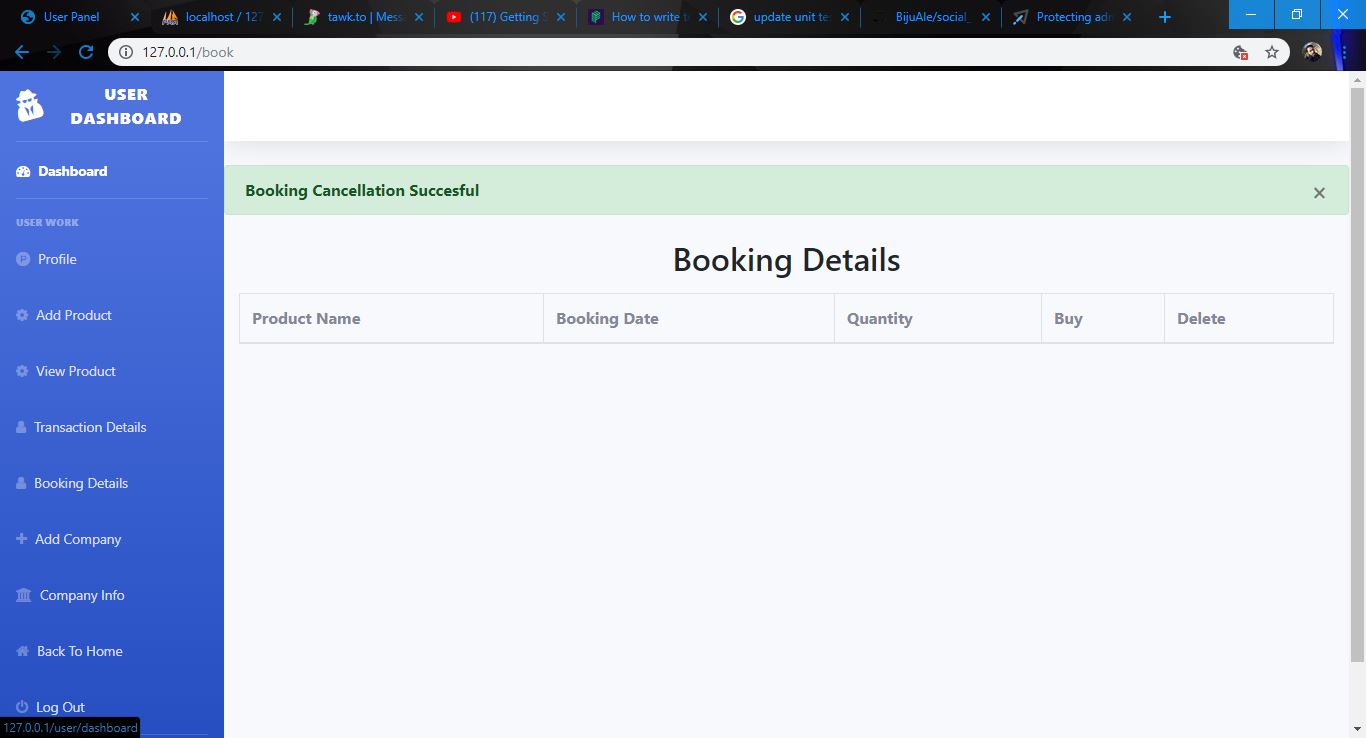


Figure 30: Booking Cancellation

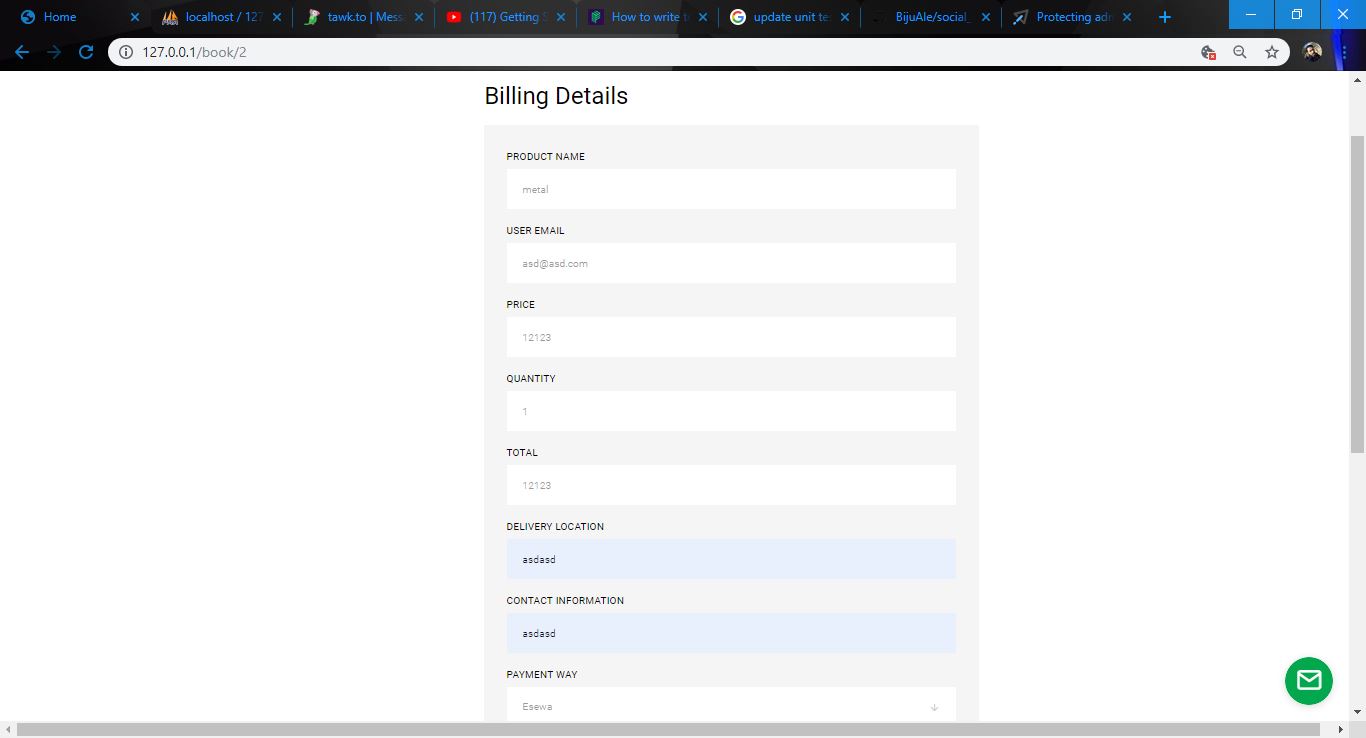


Figure 31: Buying Product after booking

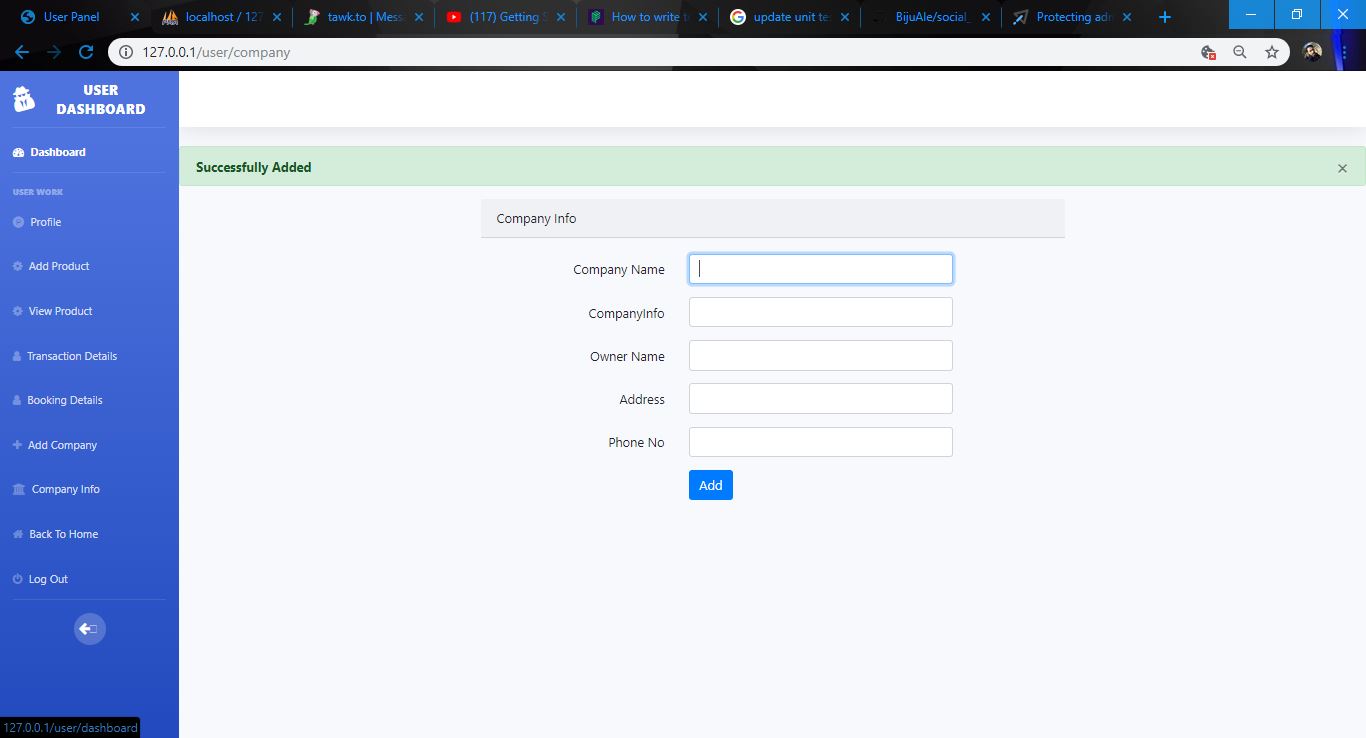


Figure 32: After Company Addition

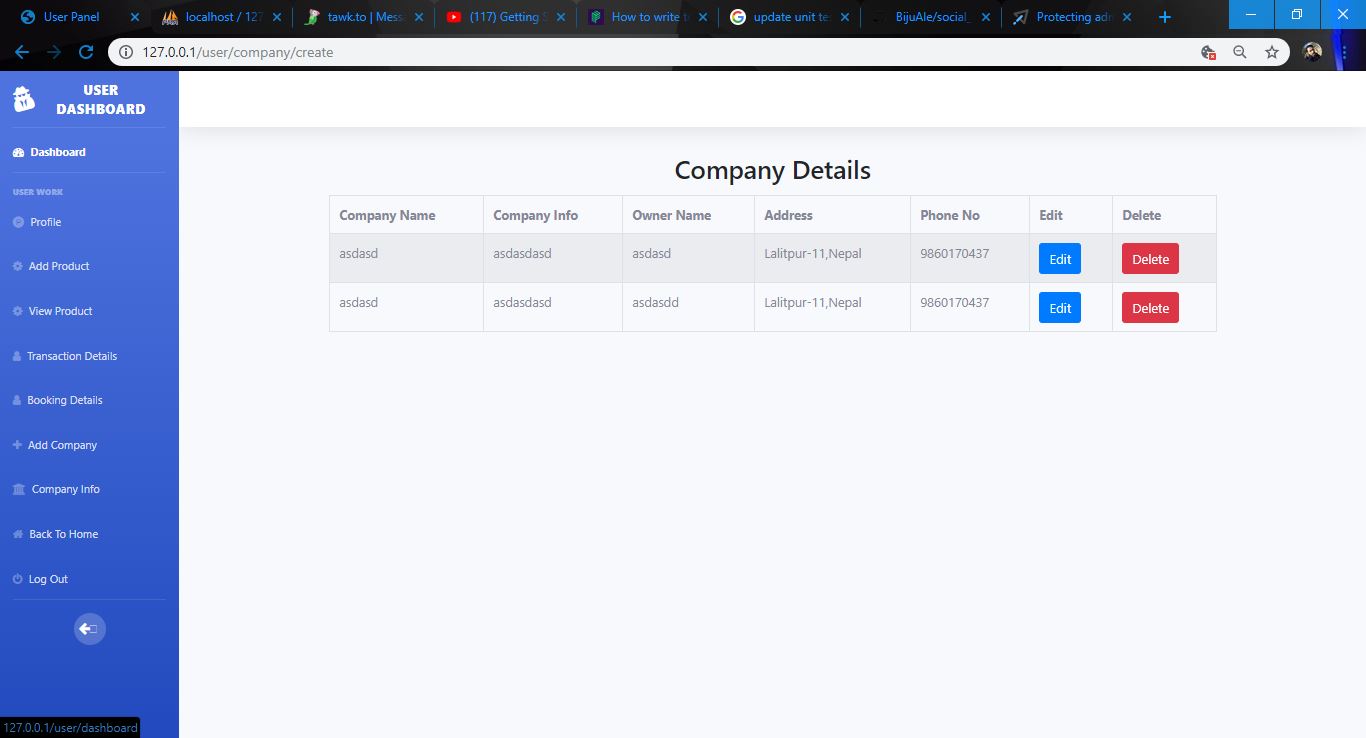


Figure 33: Before Edit

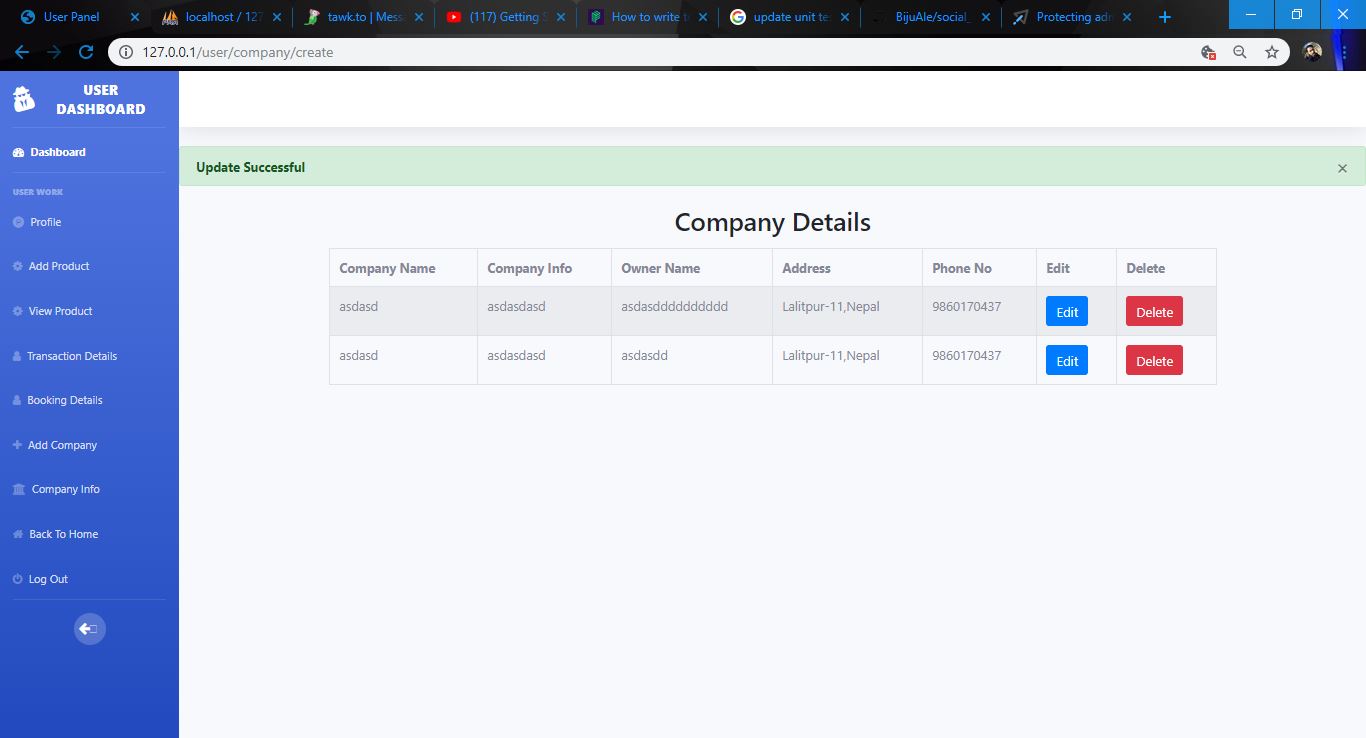


Figure 34: After Company Edit

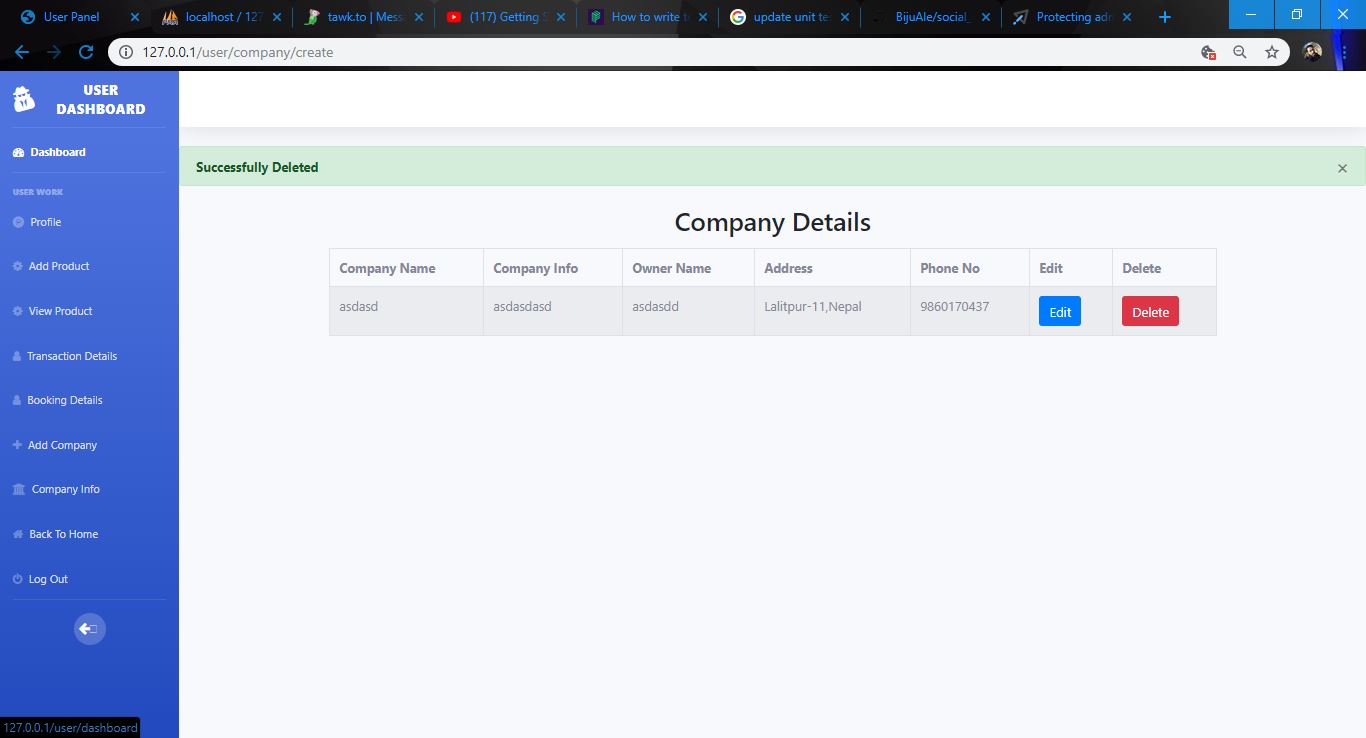


Figure 35: After company Delete

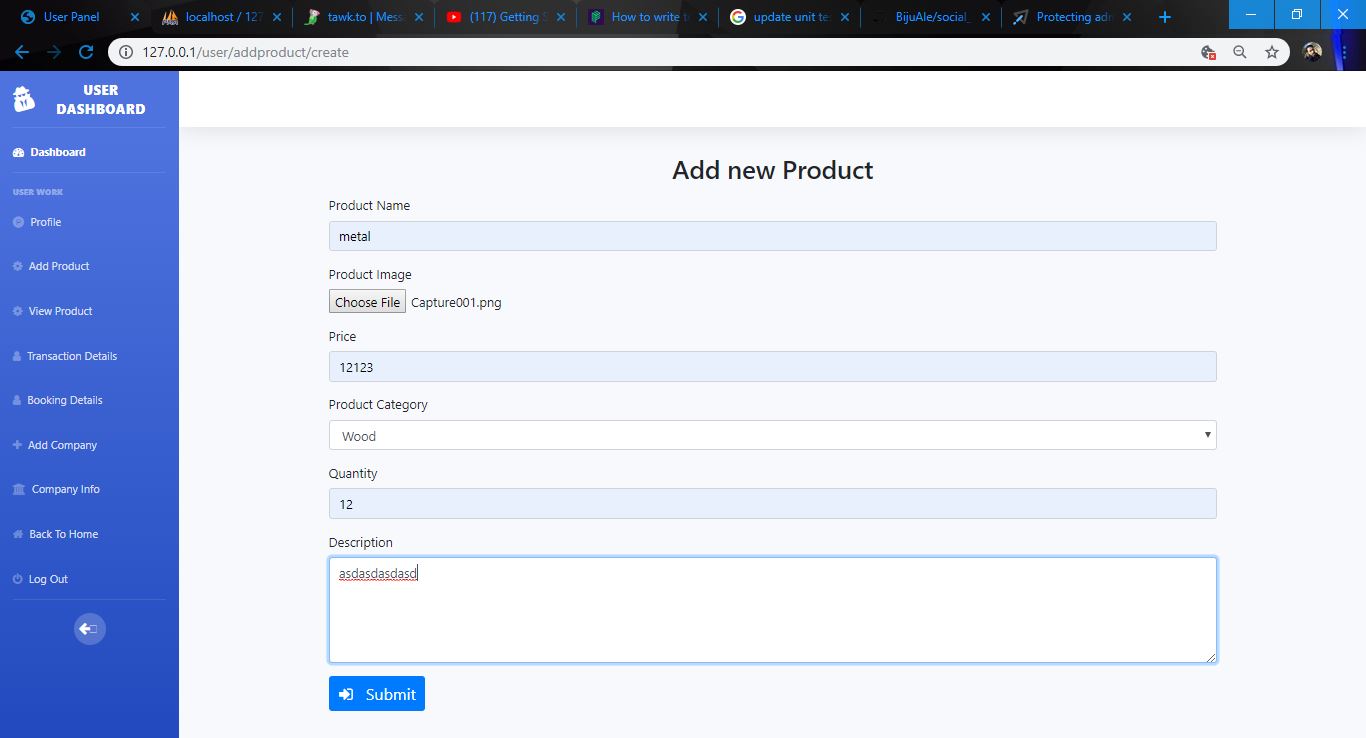


Figure 36: Product Addition

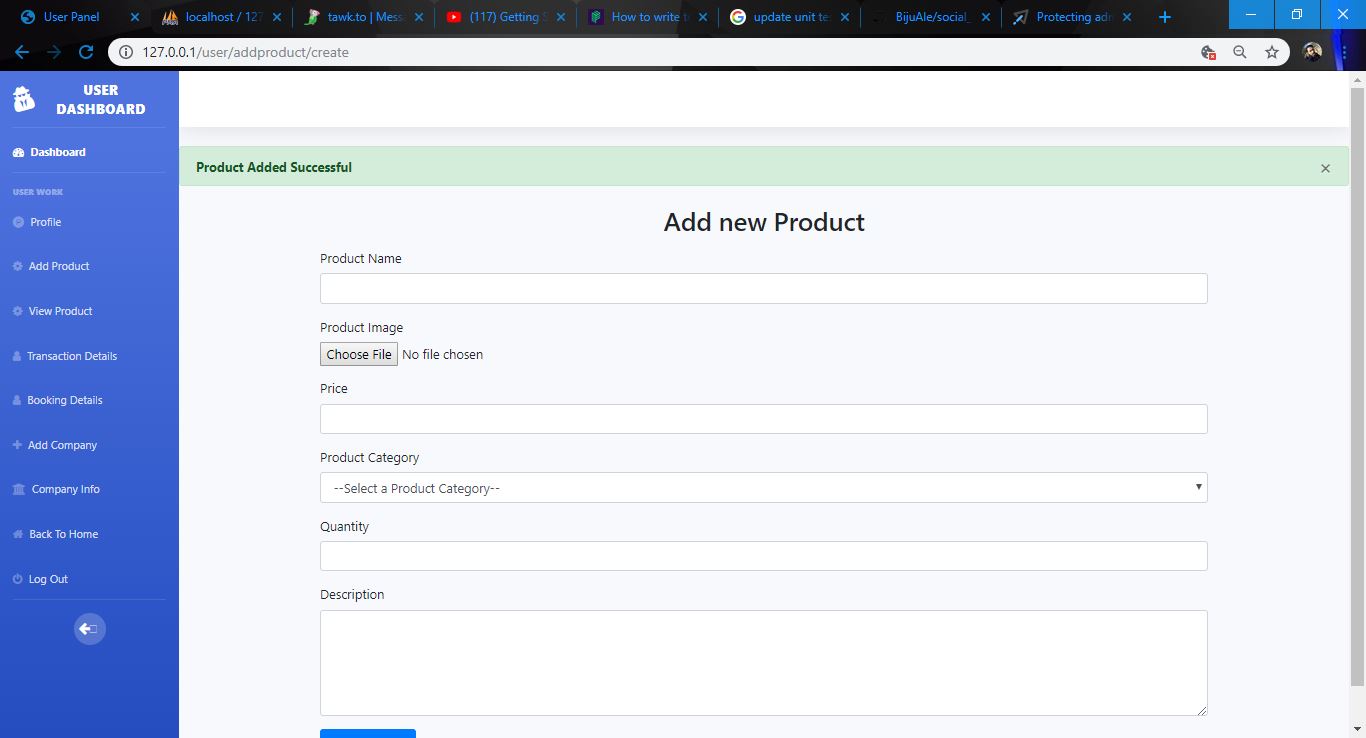


Figure 37: After Addition

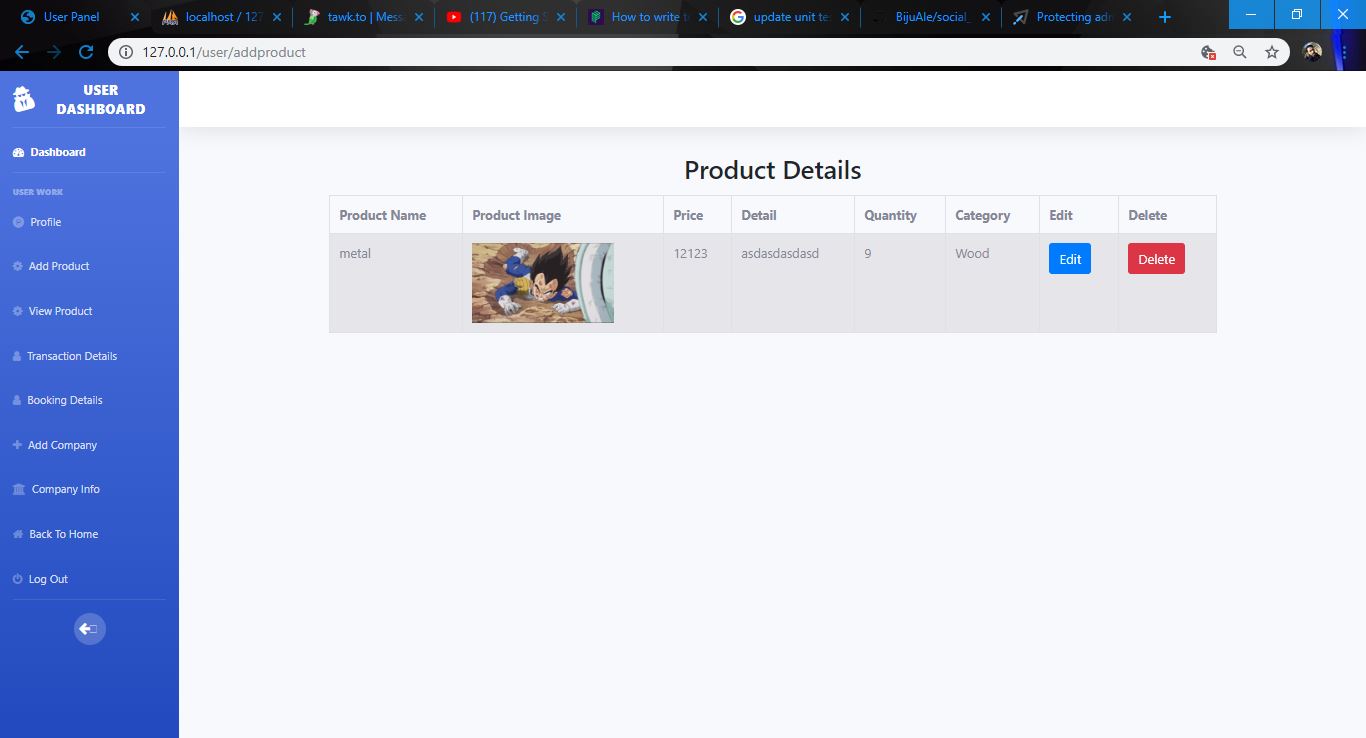


Figure 38: Before Editing

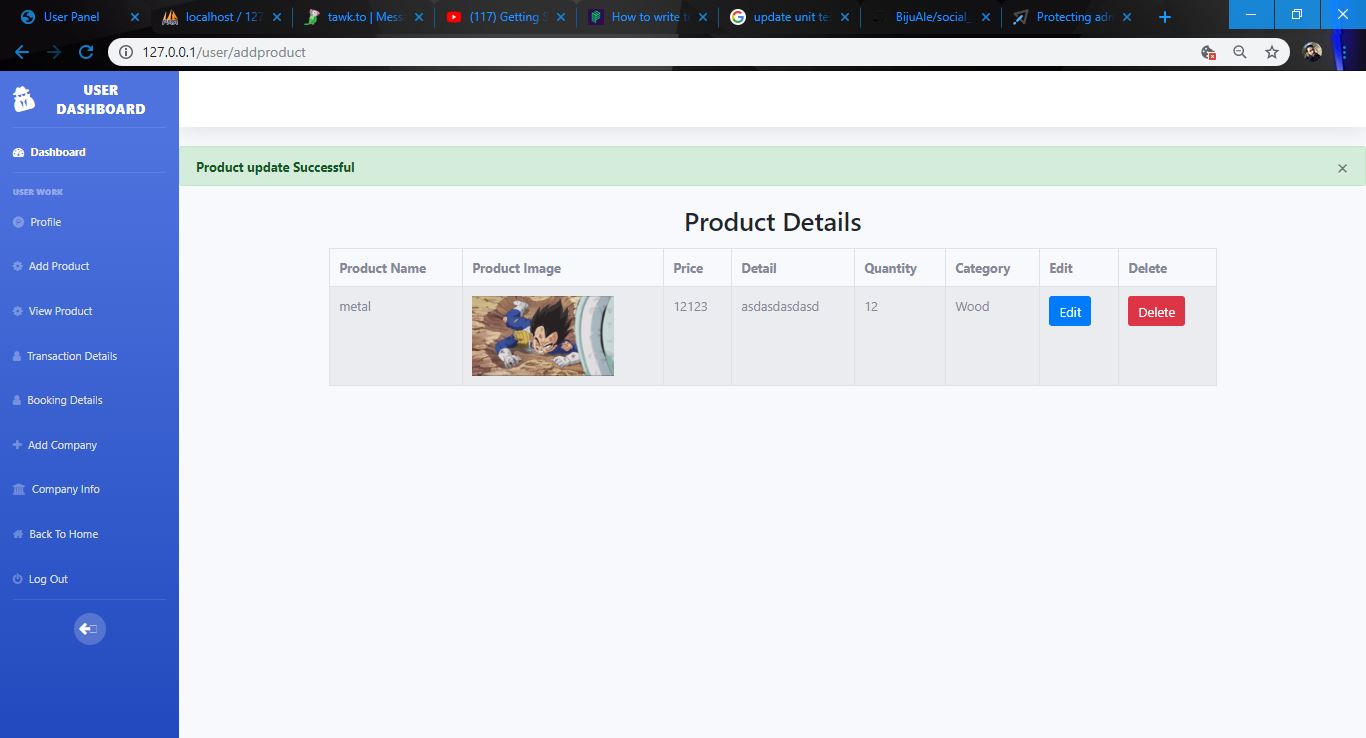


Figure 39: After Editing

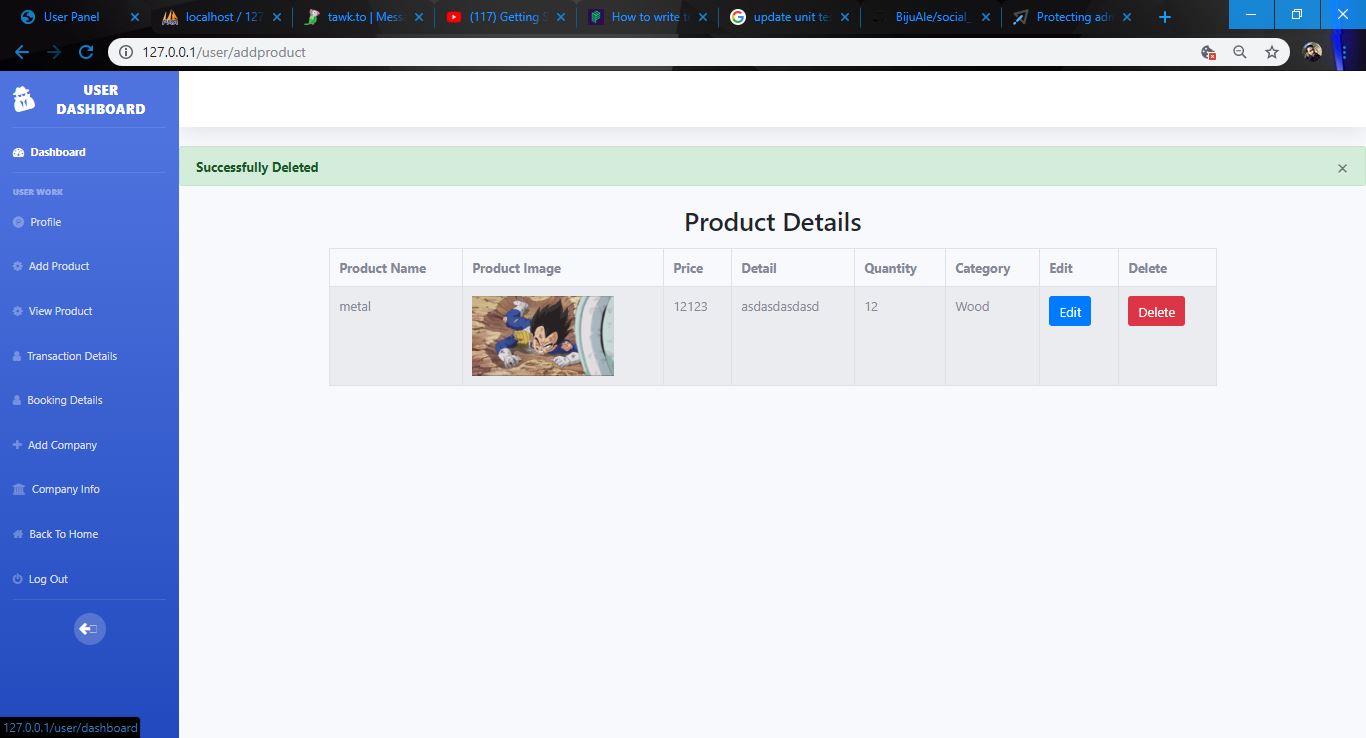


Figure 40: Product Deletion

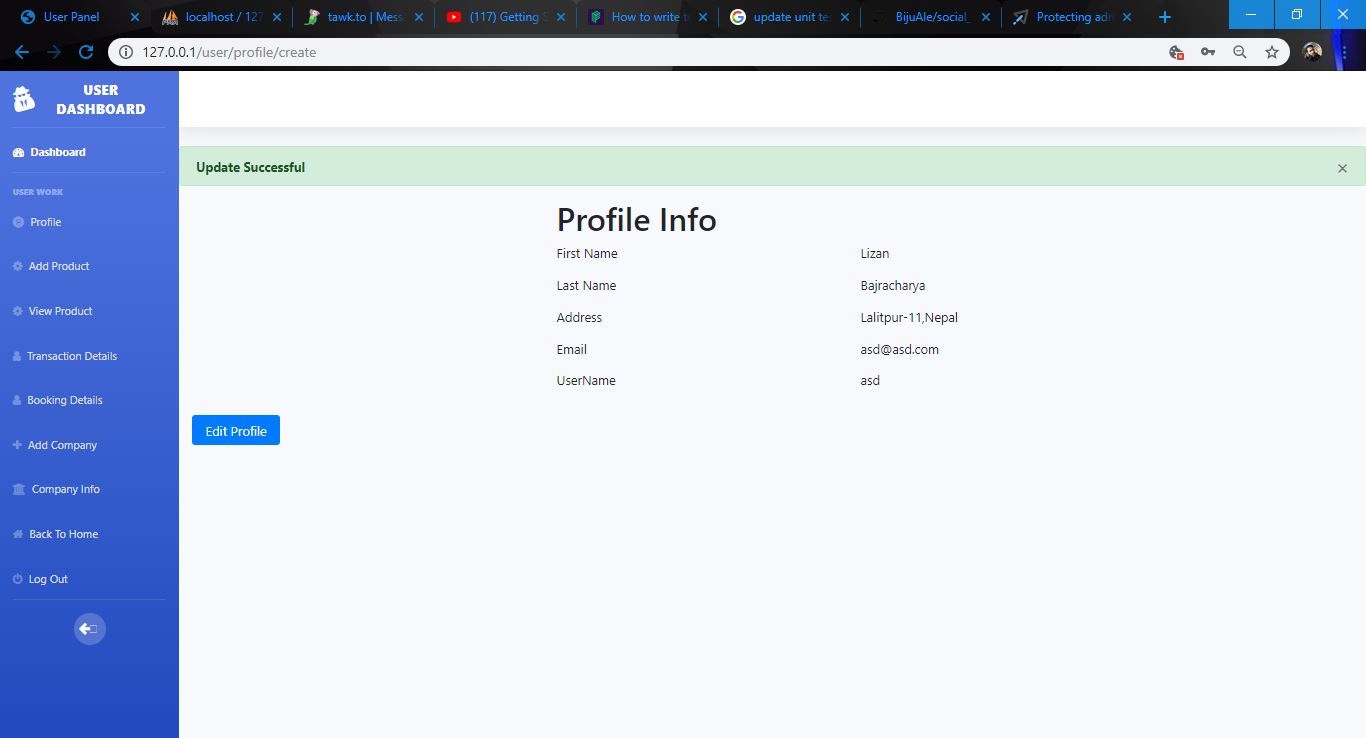


Figure 41:Profile Edit

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case Description** | **Expected Result** | **Test Data** | **Actual Result** | **Status** | **Tester** | **Date/Time** | **Comments** |
| Admin Login | Login Successful | Email=Lizan.bajra97@gmail.com, Password=asdasd | Login Fail | Fail | Lizan Bajracharya | 2019/06/30 | Wrong Password |
| Admin Login | Login Successful | Email=Lizan.bajra97@gmail.com, password=12345678 | Login Success | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Status Update | Update Successful | Status=Suspended | Update Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Billing Details | Data Insertion Successful | Quantity=1, location=asdasd, contact=asdasd, payment way=esewa | Data Insertion Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Category Addition | Category Successfully Added | Wood | Addition Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Category Deletion | Category Successfully Deleted | Wood | Deletion Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Product Buying after book | Remove data from booking details and fill the billing form | Contact information= asdas, location=asdasd | Process successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Company Add | Company Add Successful | Asd, asd, asd, asd, asd | Company Successfully Added | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Company Delete | Company Delete Successful | Id=1 | Company Delete Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Company Edit | Company detail Update Successful | Asd, asd, asd, asd, asd | Company detail Update Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Product Add | Product Addition Successful | Asd, image.jpg, 10, $122, asd, asdasd | Product Addition Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Product Update | Product detail Update Successful | Asda | Product Detail Update Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Product Delete | Product Deletion Successful | 1 | Product Deletion Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |
| Profile Edit | Profile Detail Update Successful | Username=reset | Profile Detail Update Successful | Pass | Lizan Bajracharya | 2019/06/30 |  |