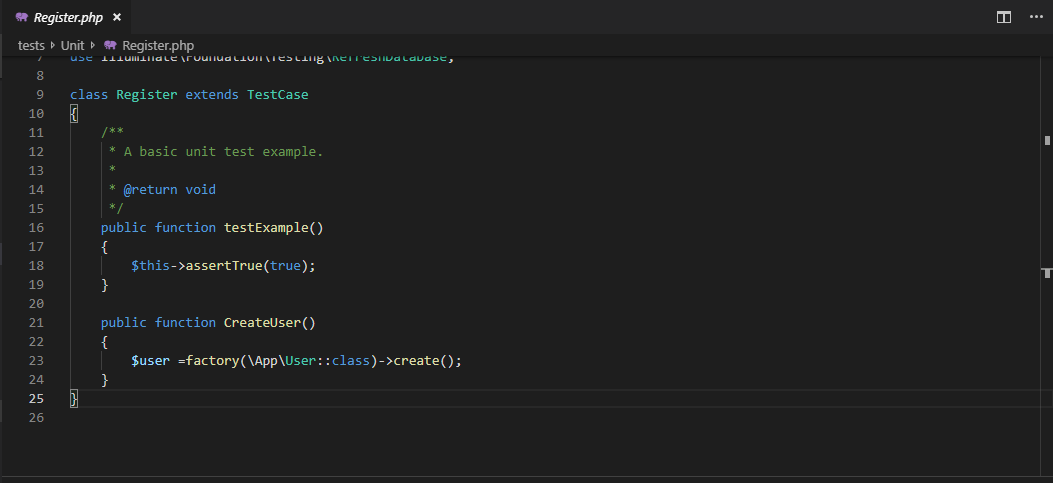
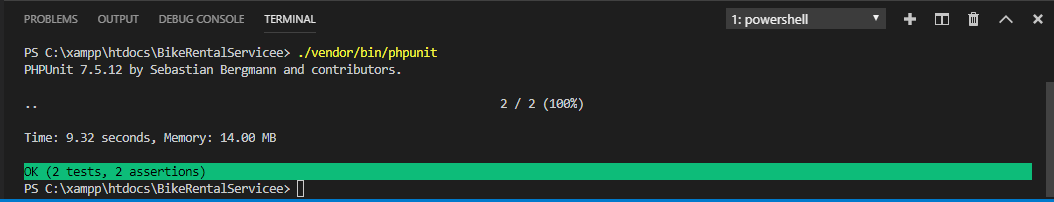
# Chapter-5 Testing

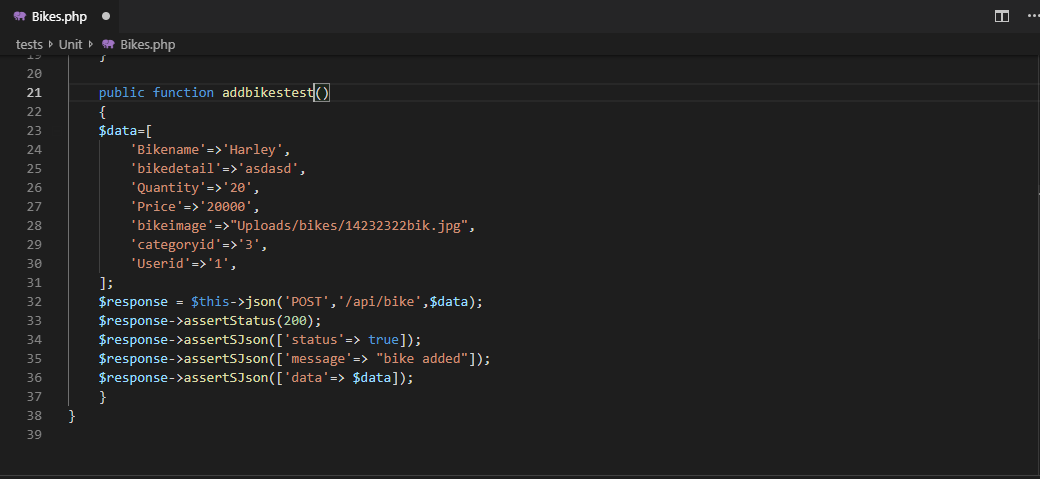
## Unit Testing

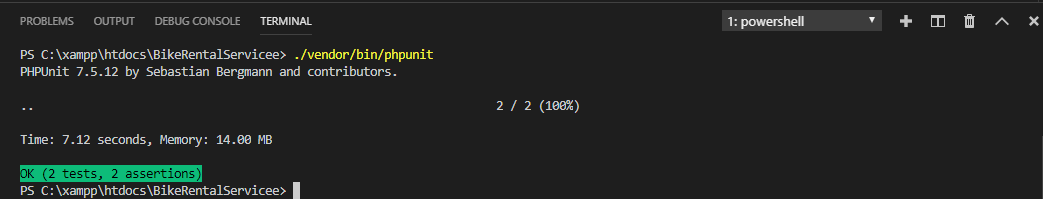
**UNIT TESTING** is a level of software testing where individual units/ components of a software are tested. The purpose is to validate that each unit of the software performs as designed. A unit is the smallest testable part of any software. It usually has one or a few inputs and usually a single output.



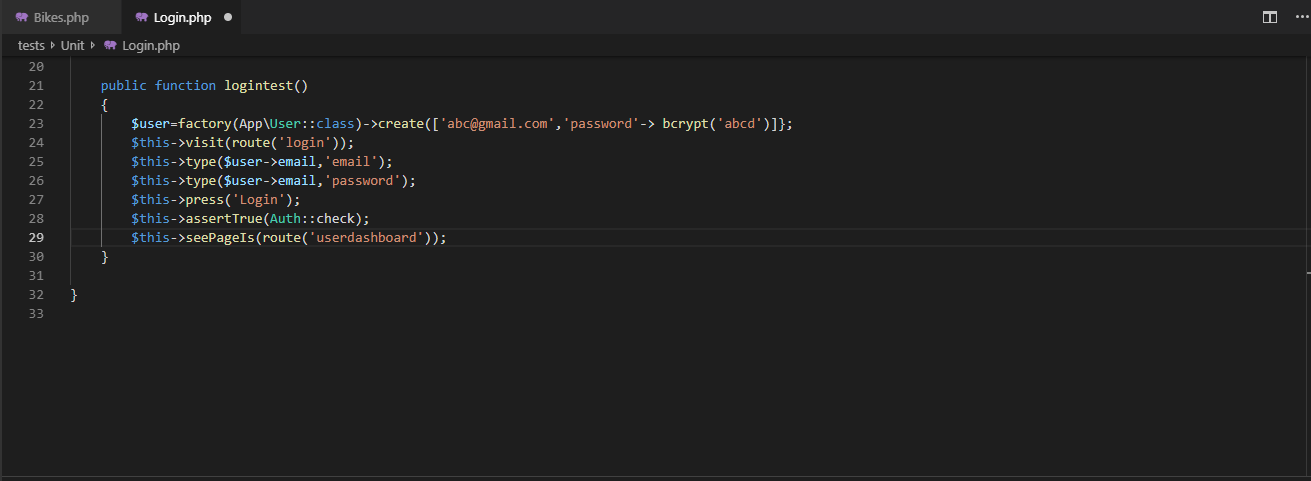


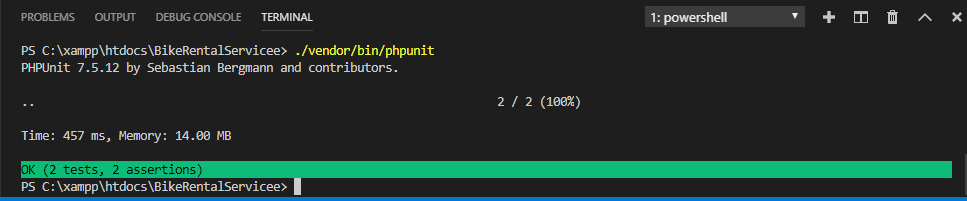
|  |  |
| --- | --- |
| Test Id | 1 |
| Test Class | User |
| Expected Outcome | User Creation Successful |
| Actual Outcome | User Creation was successful |



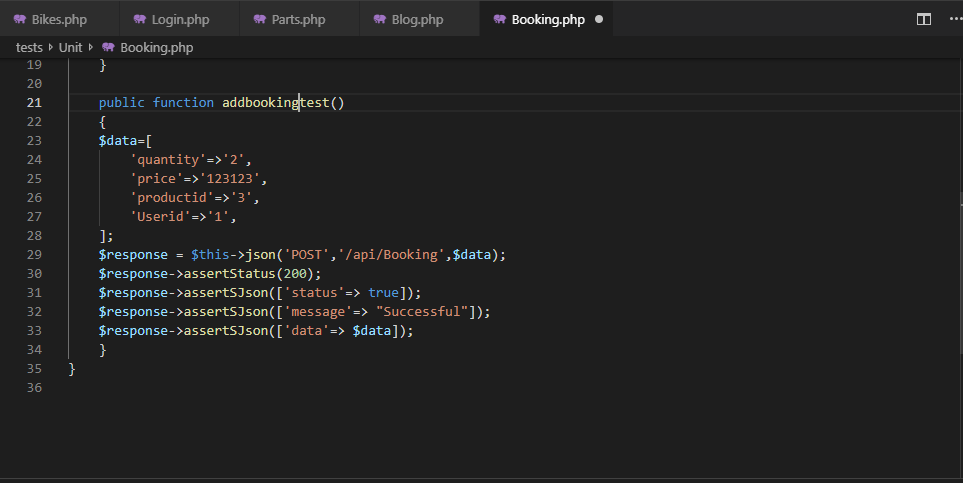


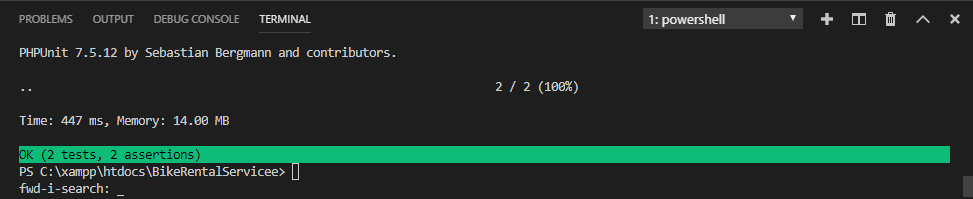
|  |  |
| --- | --- |
| Test ID | 2 |
| Test Class | Bikes |
| Expected Result | Bike Detail successfully added |
| Actual Result | Bike Detail was successfully added |



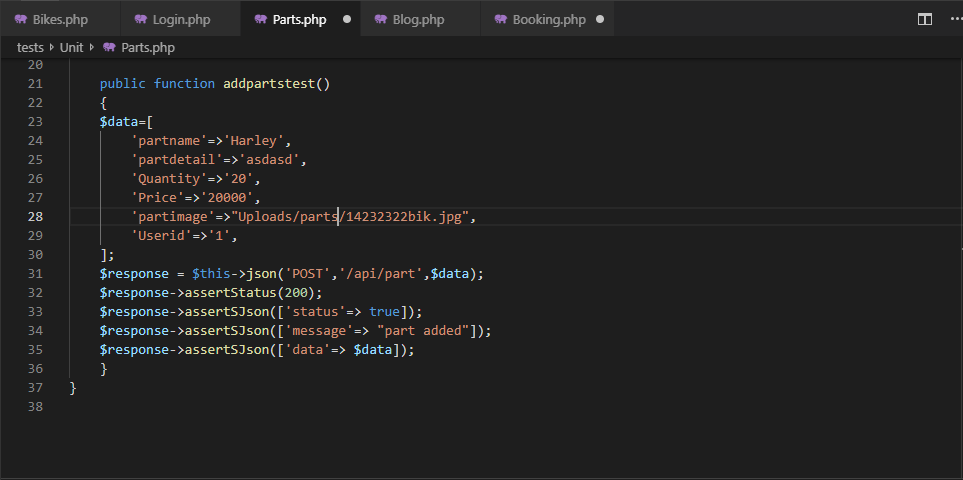


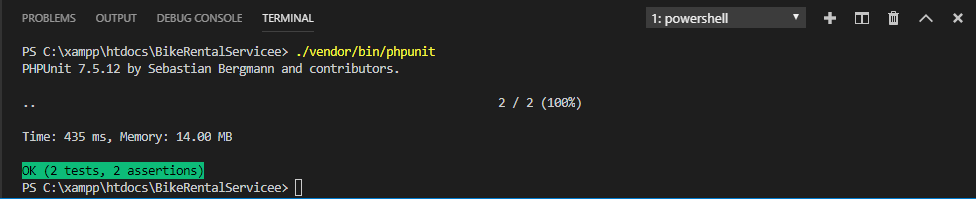
|  |  |
| --- | --- |
| Test ID | 3 |
| Test Class | Login |
| Test Data | Email=abc@gmail.com, password=” abcdefgh” |
| Expected Outcome | Login Successful |
| Actual Outcome | Login was successful |



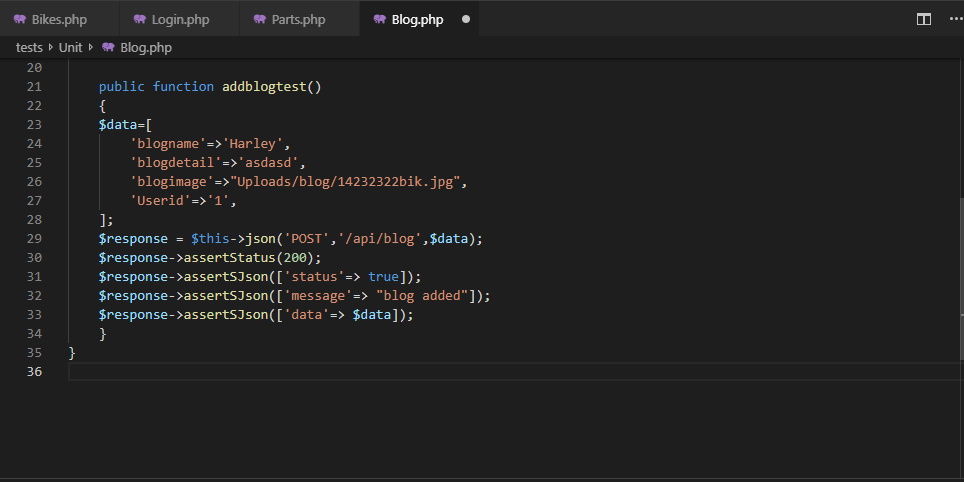


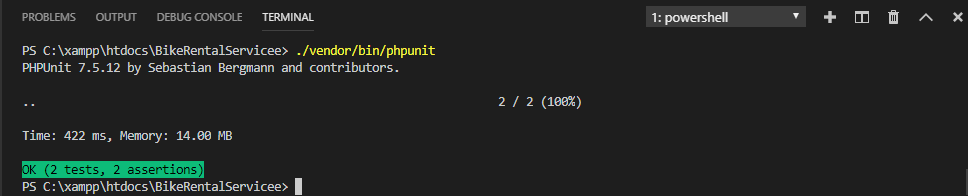
|  |  |
| --- | --- |
| Test ID | 4 |
| Test Class | Booking |
| Expected Result | Booking Data addition |
| Actual Result | Booking data was successfully added |





|  |  |
| --- | --- |
| Test ID | 5 |
| Test Class | Parts |
| Expected Result | Parts Detail successfully added |
| Actual Result | Parts Detail was successfully added |

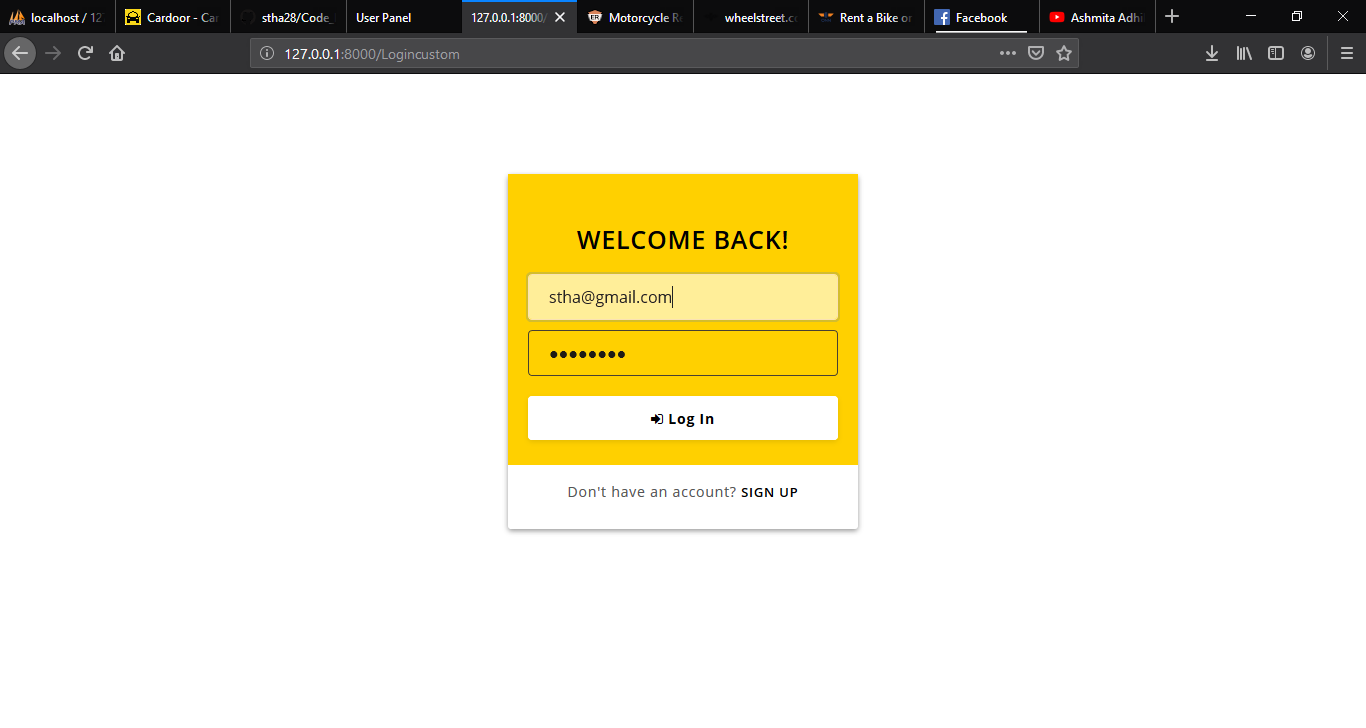


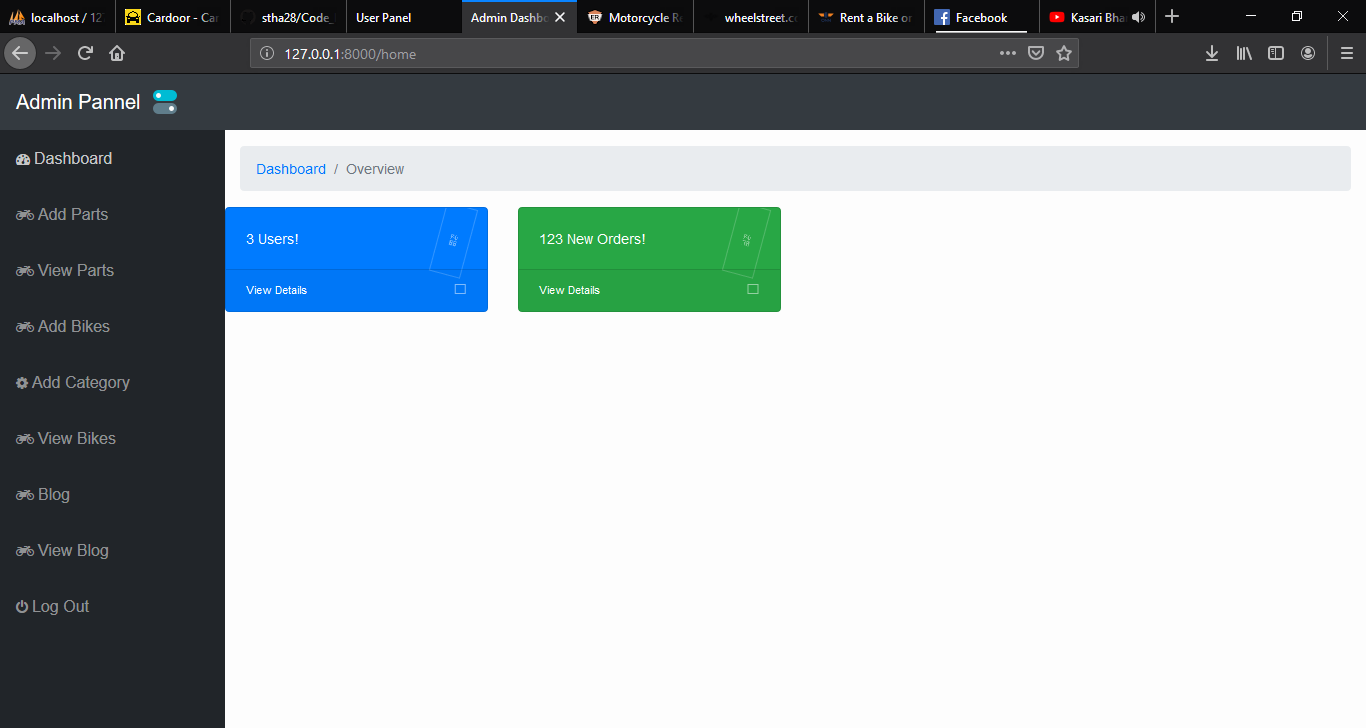


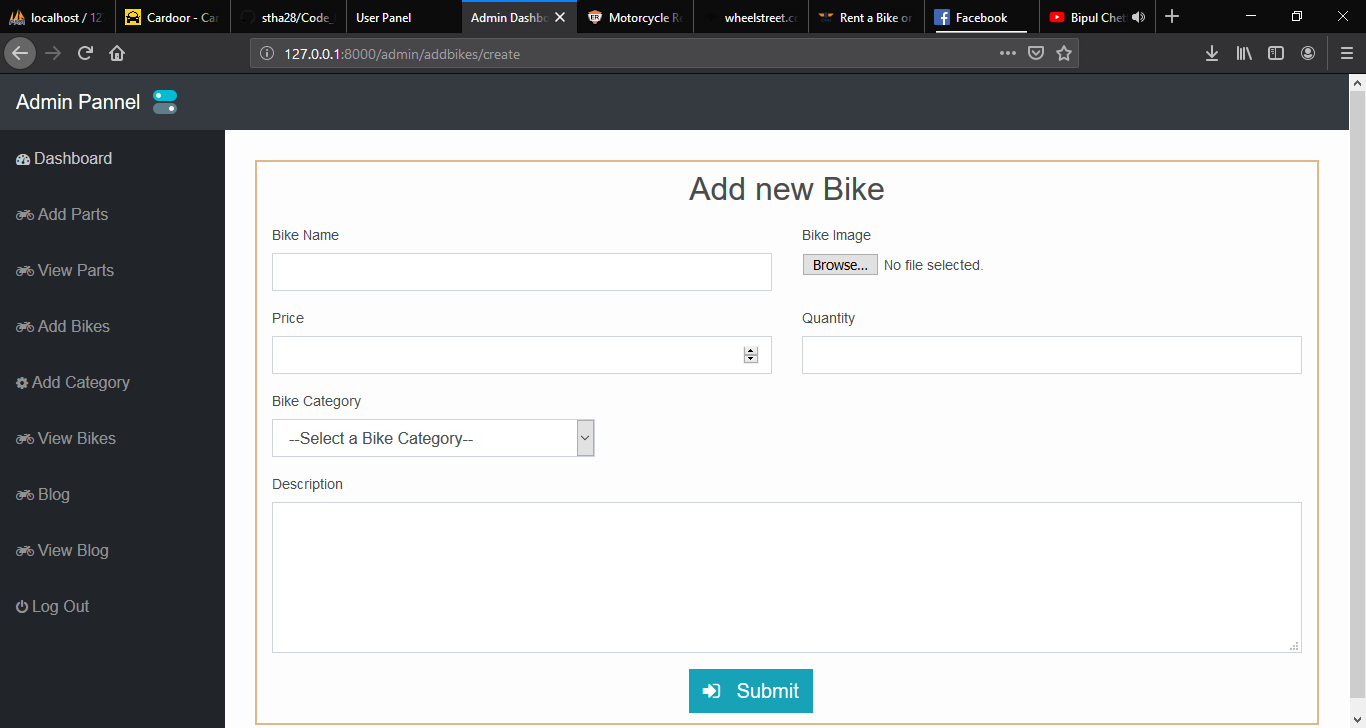
|  |  |
| --- | --- |
| Test ID | 6 |
| Test Class | Blog |
| Expected Result | Blog Detail successfully added |
| Actual Result | Blog Detail was successfully added |

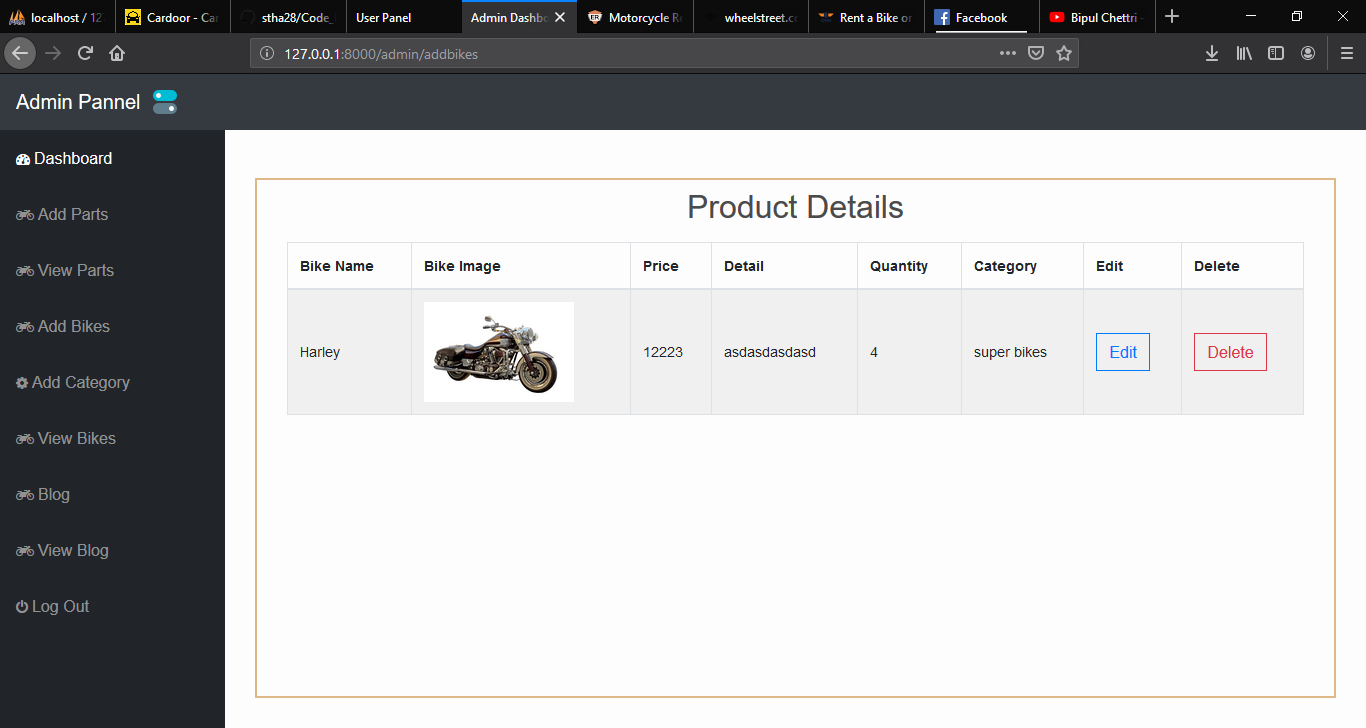
## Black Box Testing

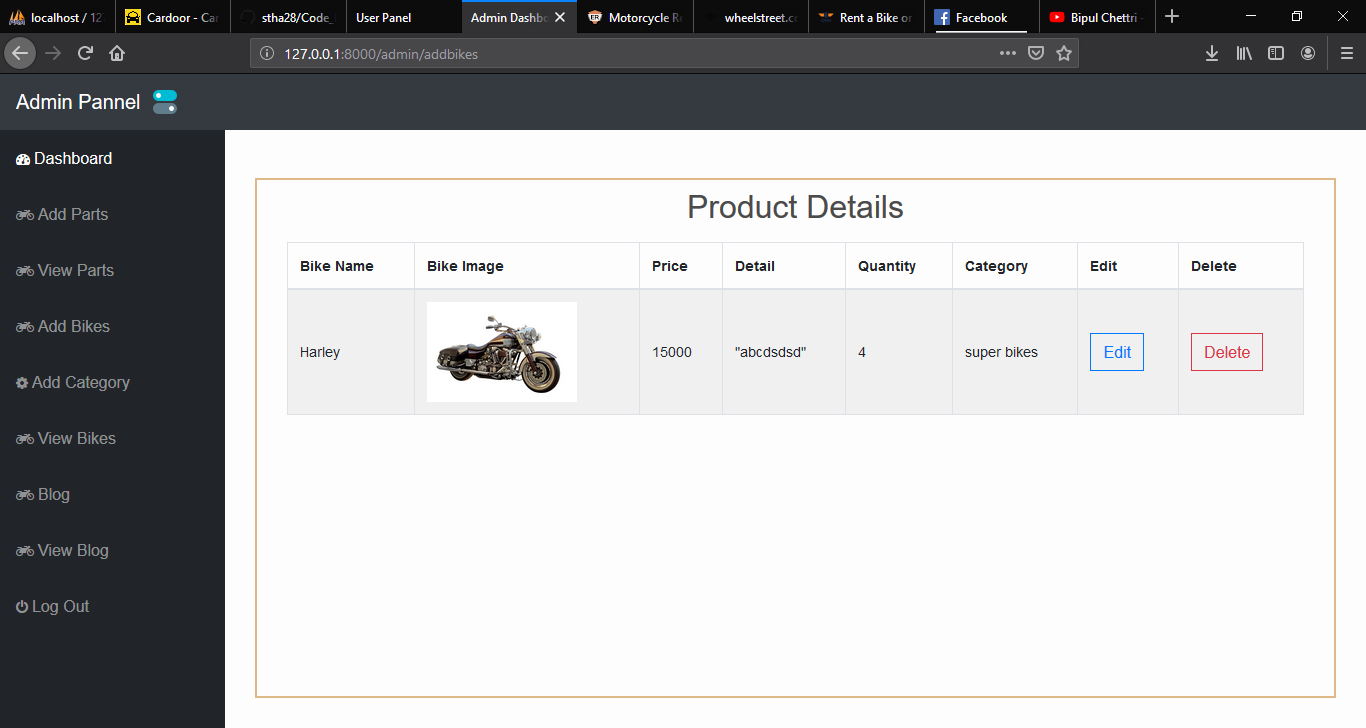
Black box testing is defined as a testing technique in which functionality of the Application Under Test (AUT) is tested without looking at the internal code structure, implementation details and knowledge of internal paths of the software. This type of testing is based entirely on software requirements and specifications.

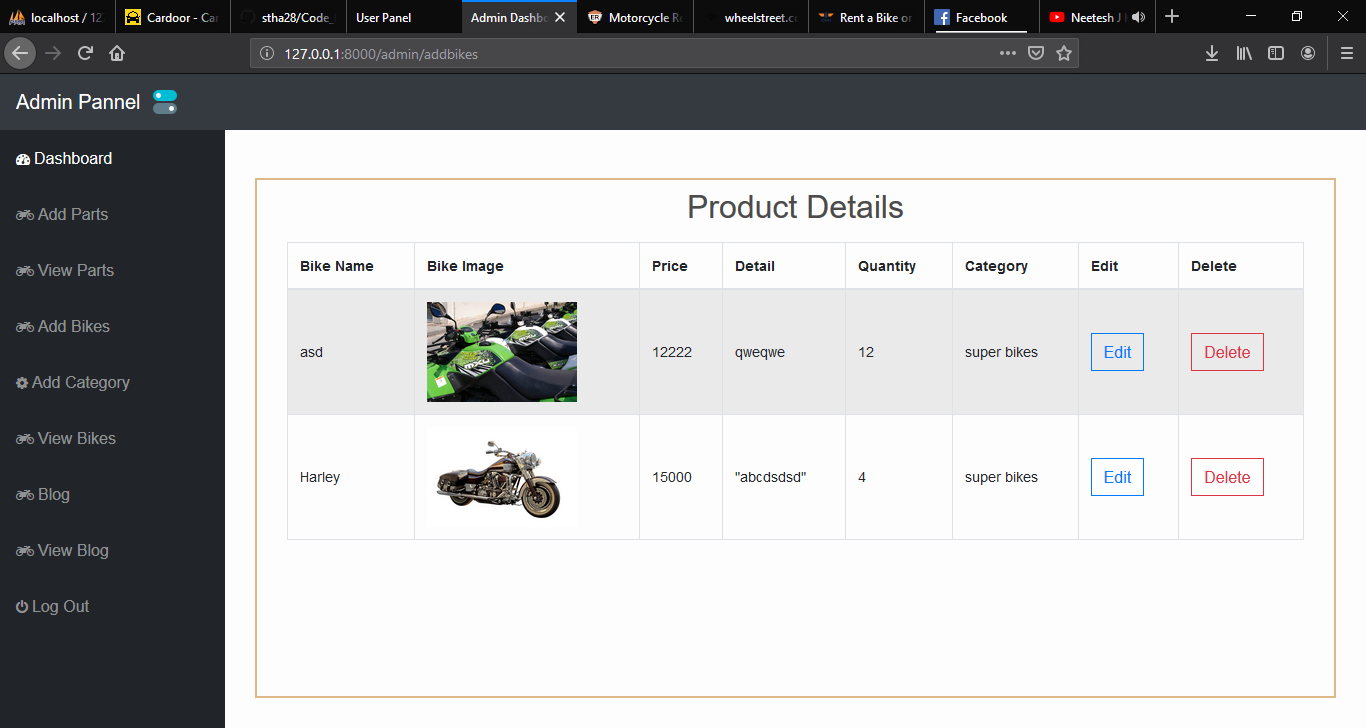


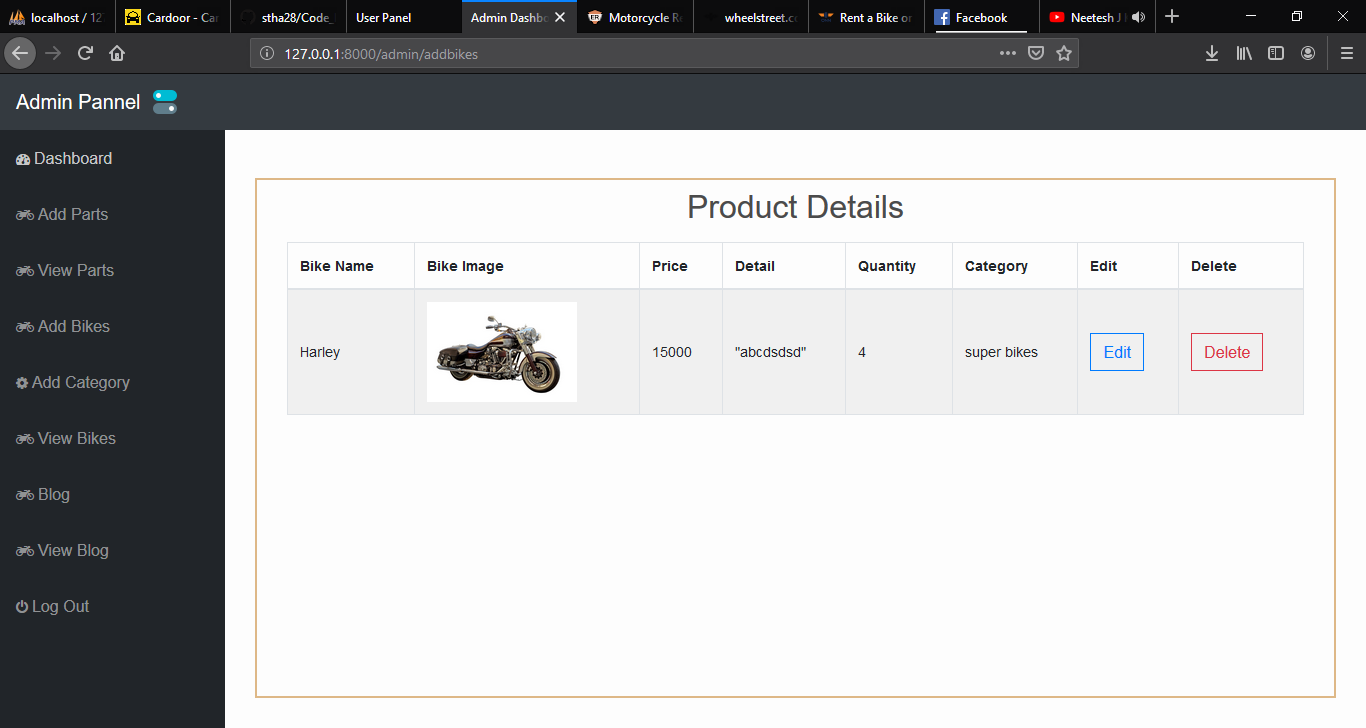


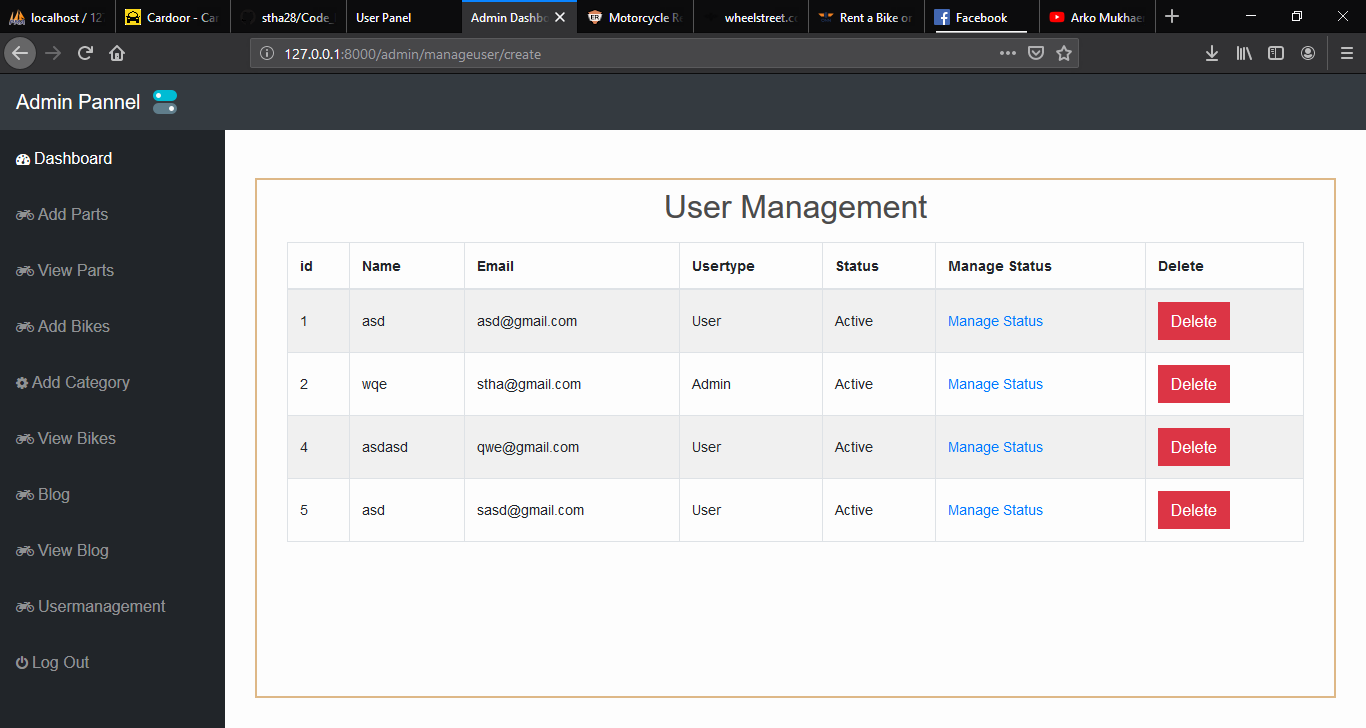


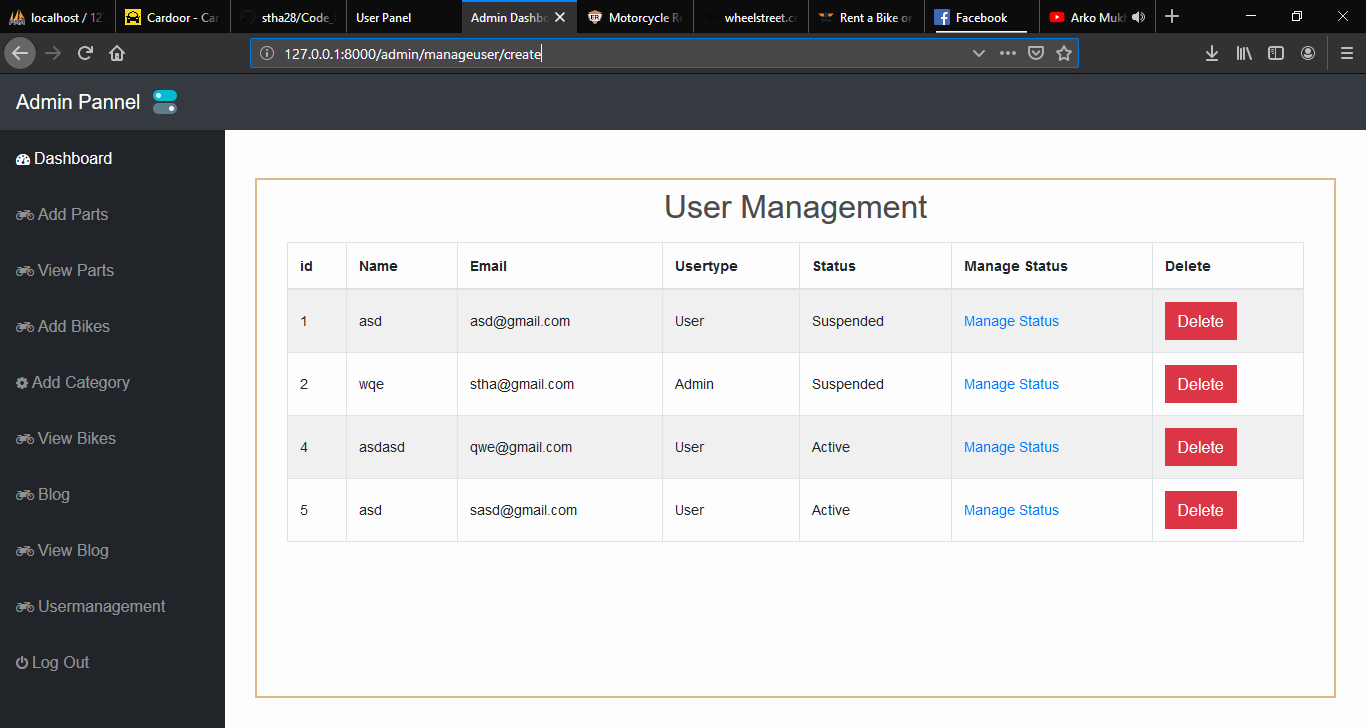


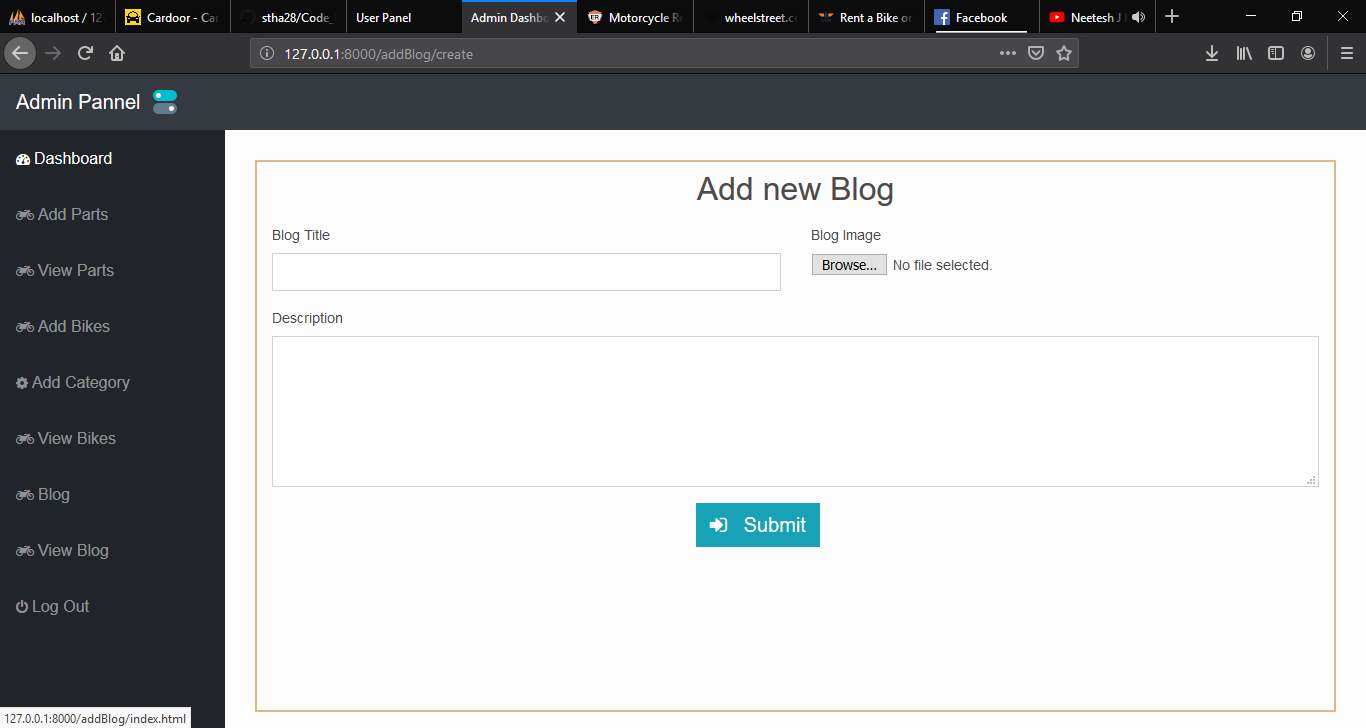


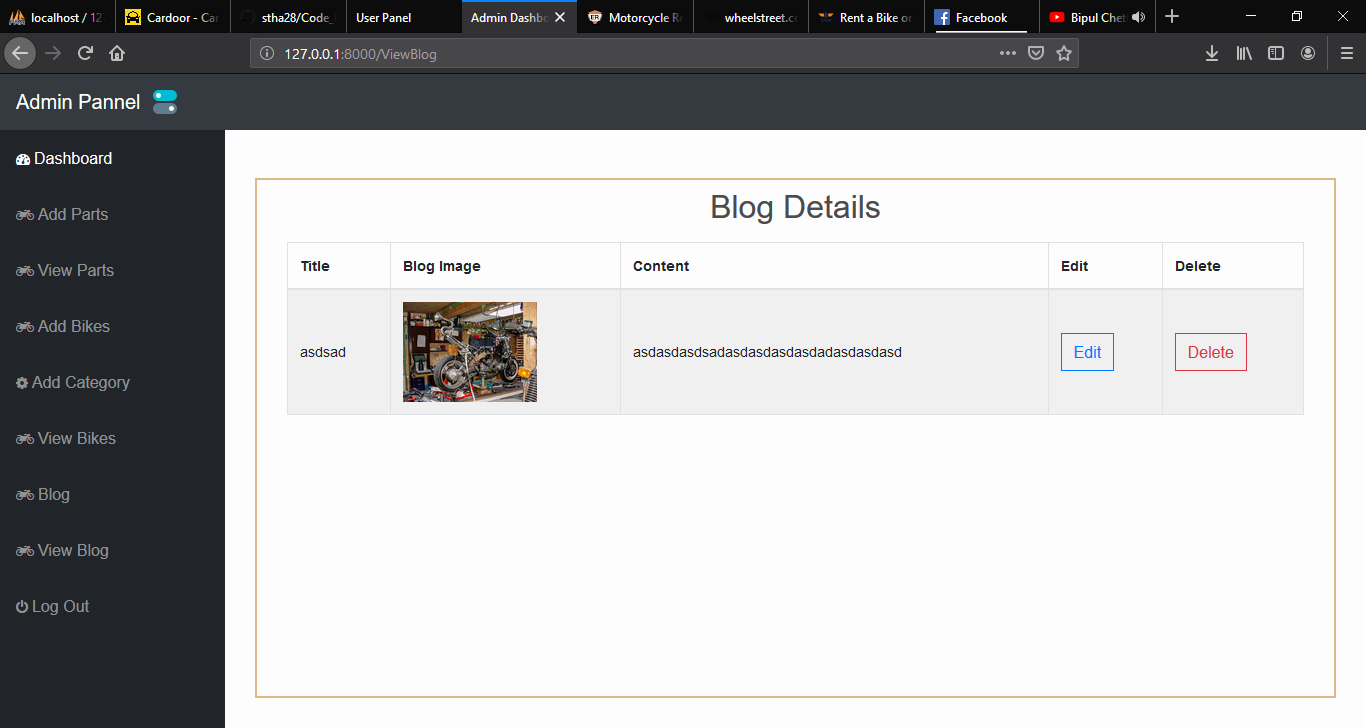


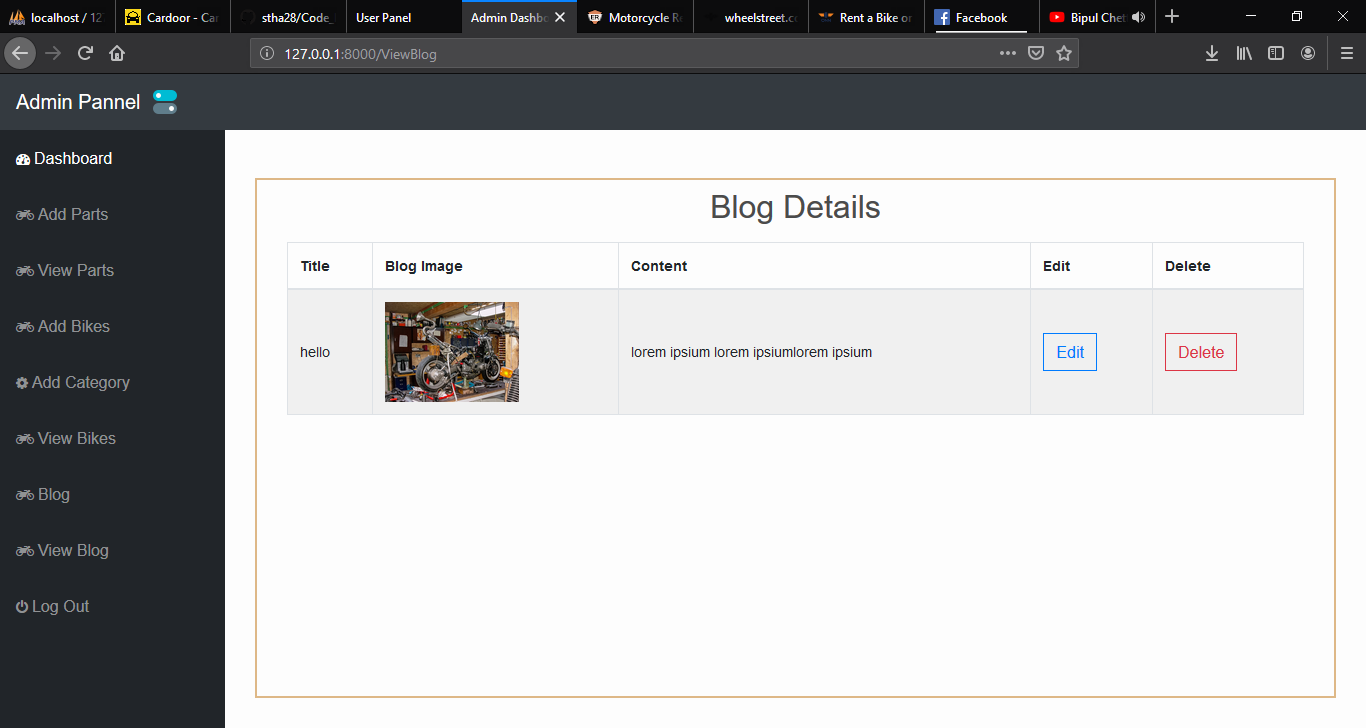


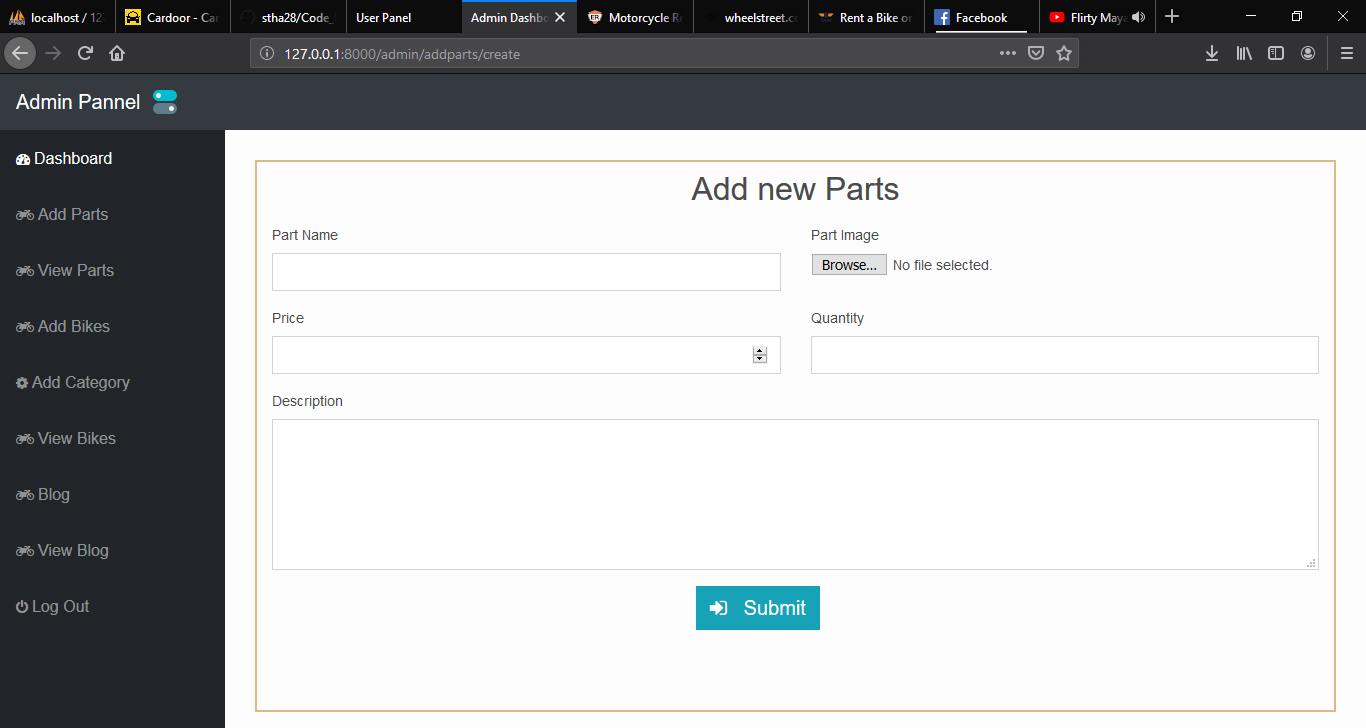


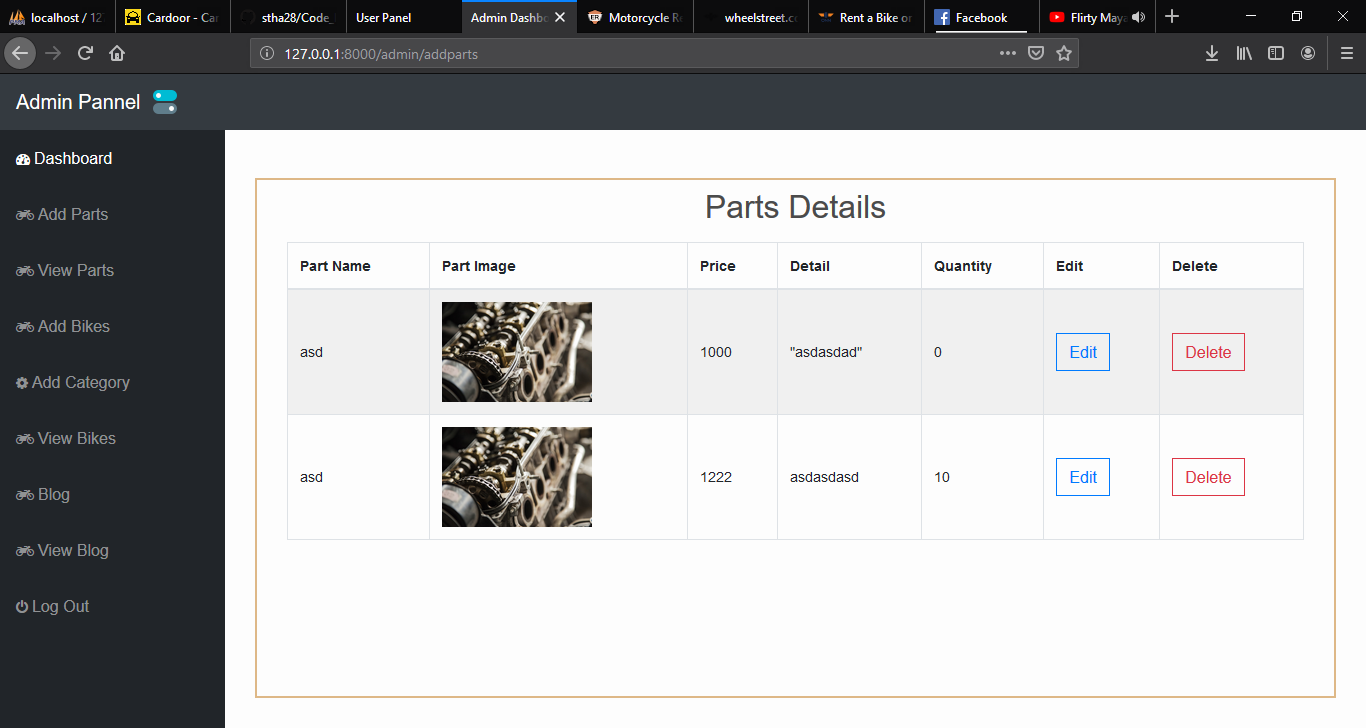


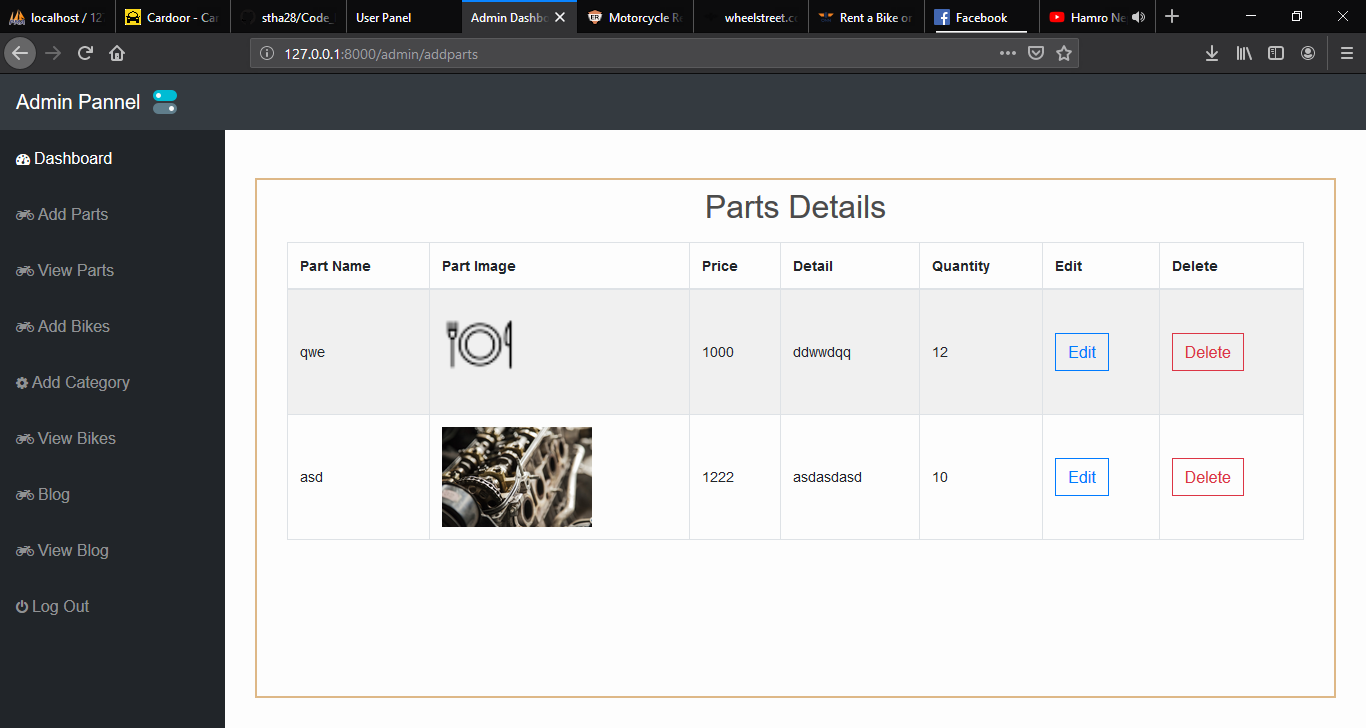


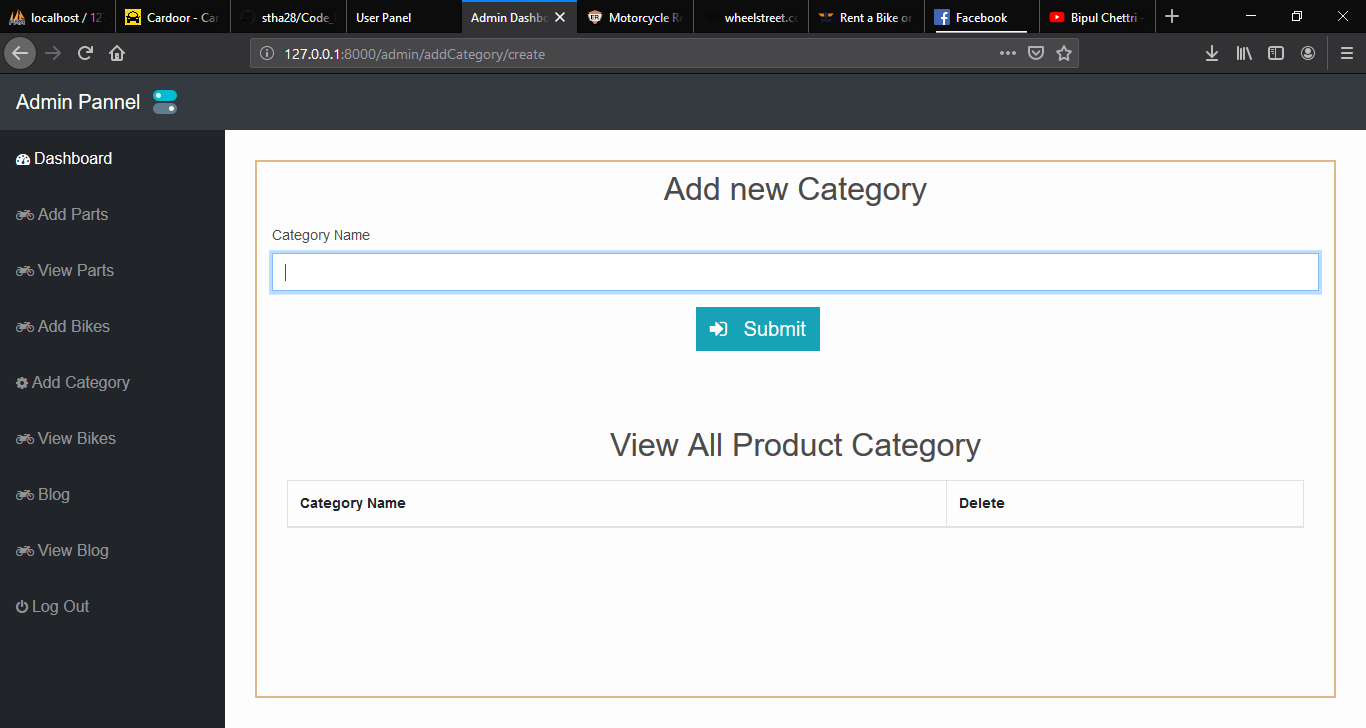


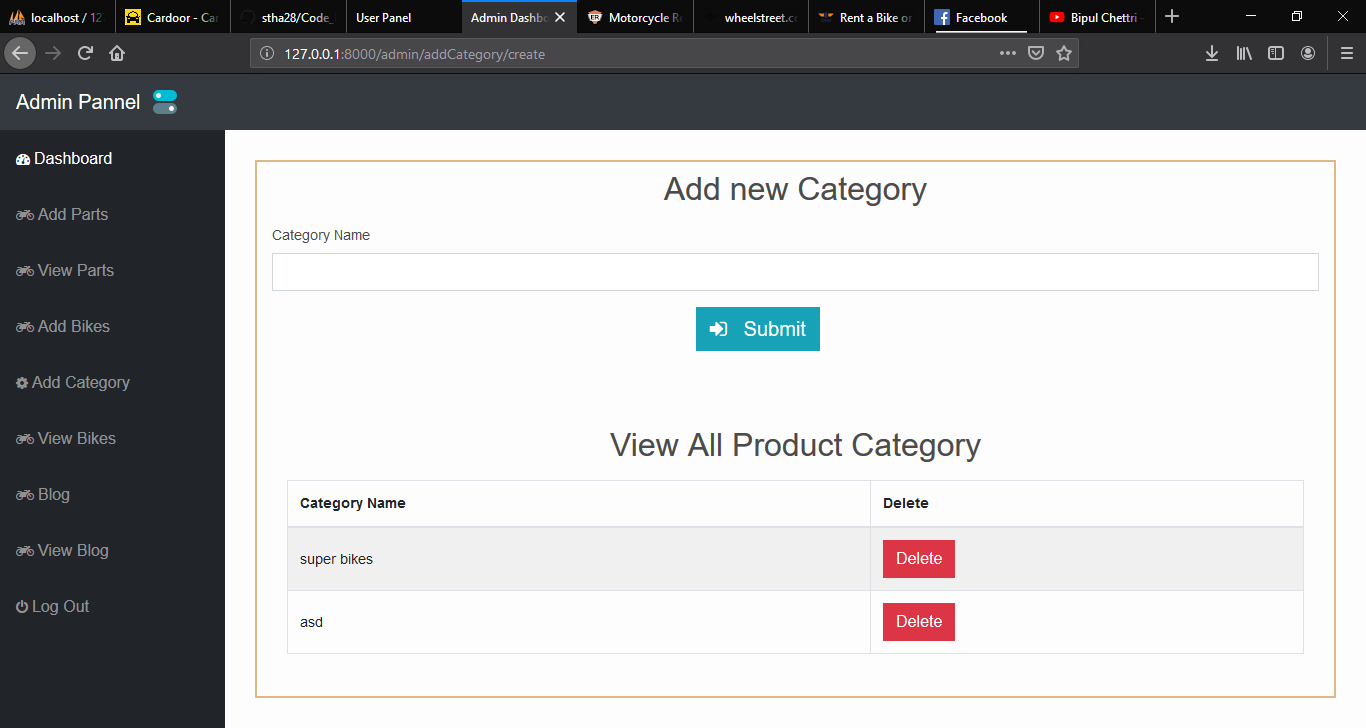


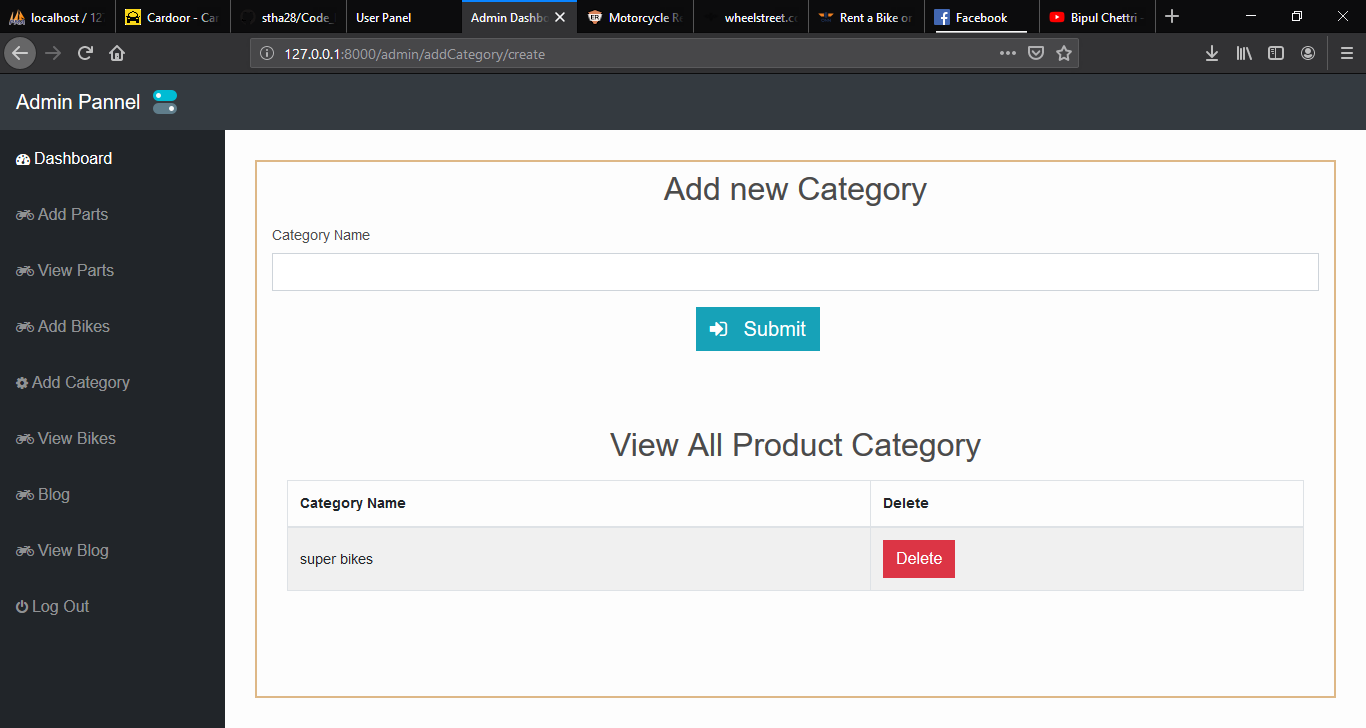


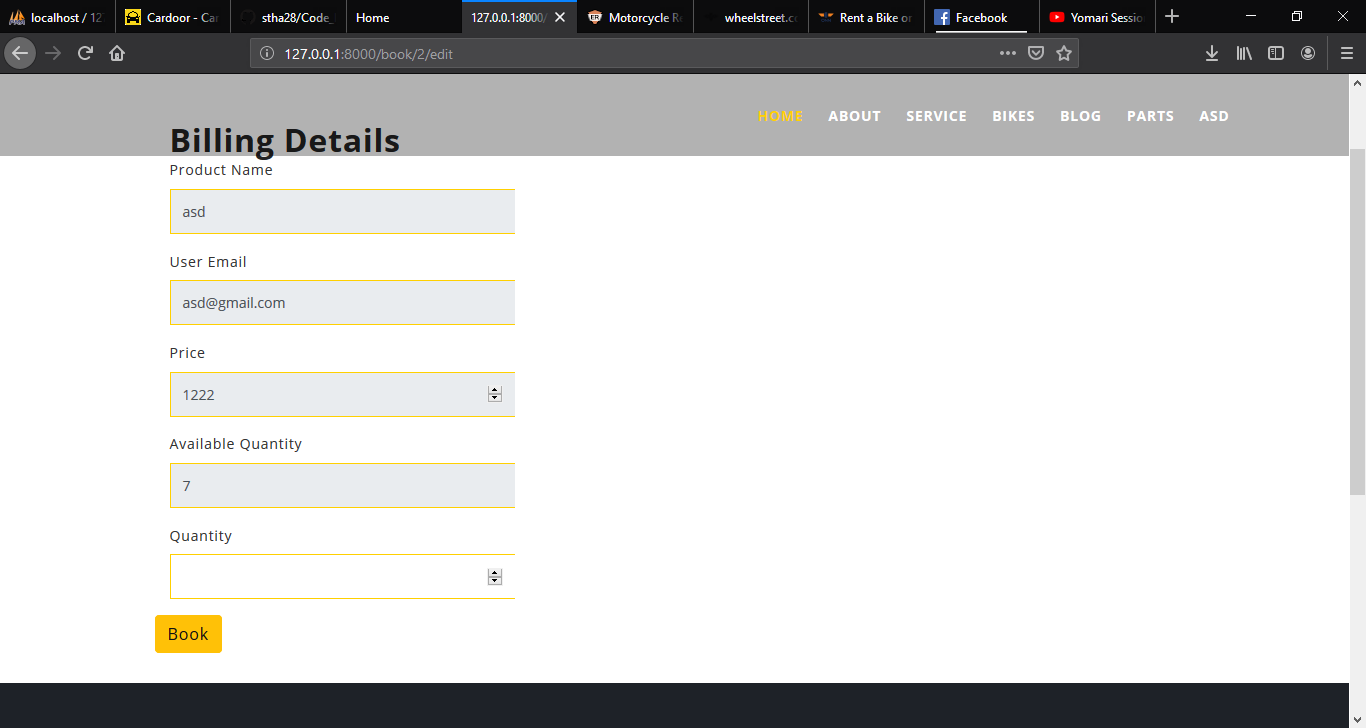


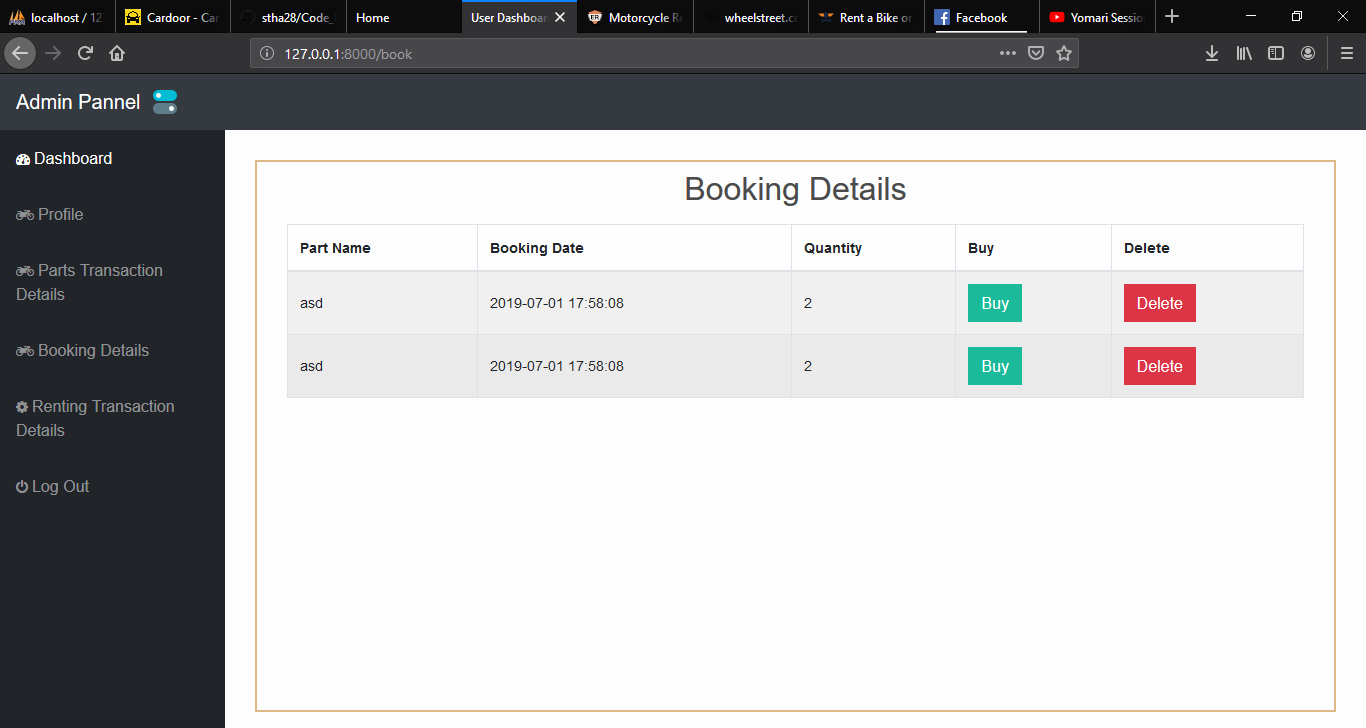


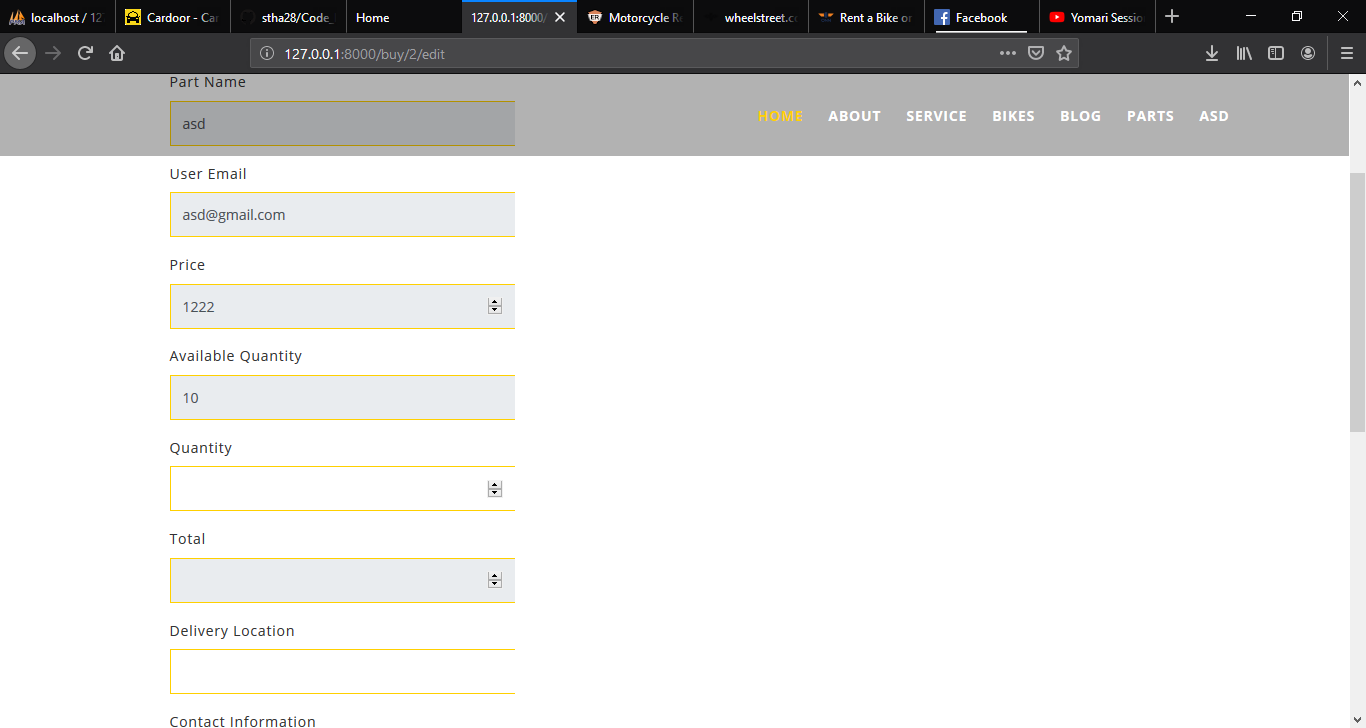


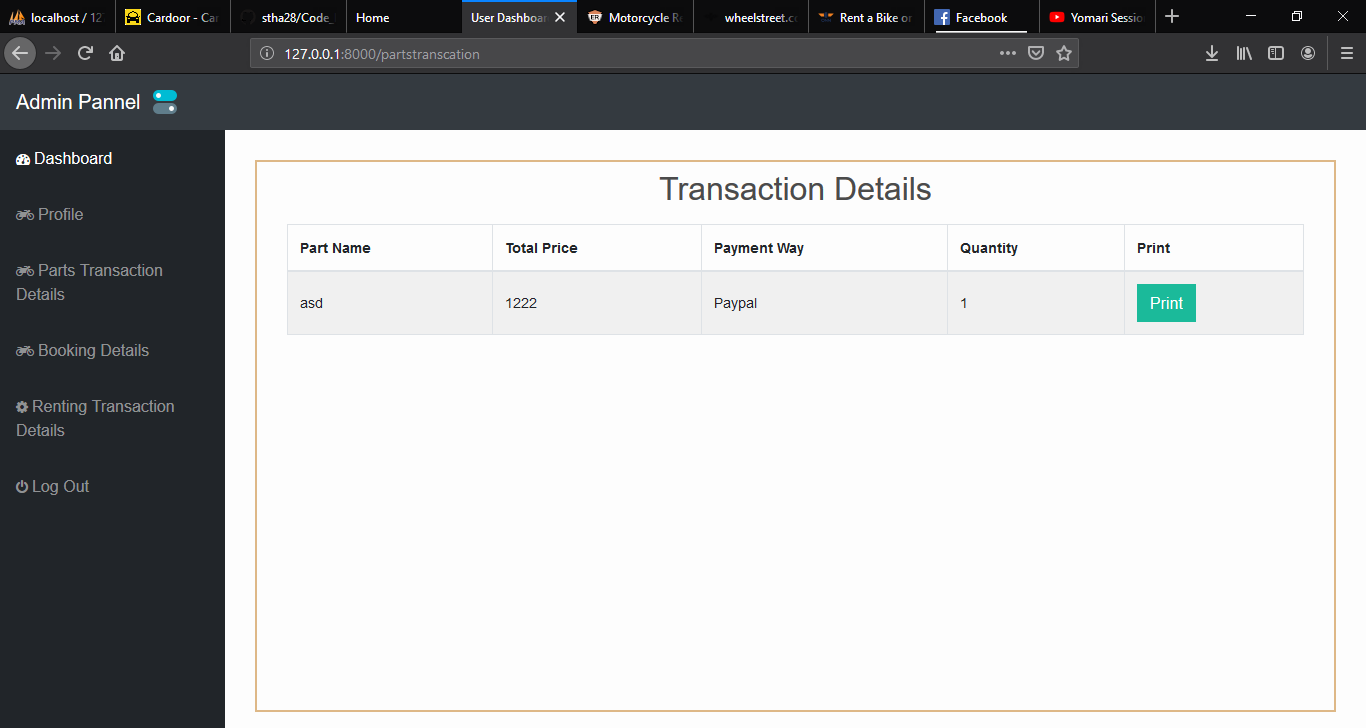












|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test Case Description** | **Expected Result** | **Test Data** | **Actual Result** | **Status** | **Tester** | **Date/Time** | **Comments** |
| Admin Login | Login Successful | Email=stha@gmail.com, Password=asdasd | Login Fail | Fail | Prashant Shrestha | 2019/06/30 | Wrong Password |
| Admin Login | Login Successful | Email= stha @gmail.com, password=12345678 | Login Success | Pass | Prashant Shrestha | 2019/06/30 |  |
| Status Update | Update Successful | Status=Suspended | Update Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Billing Details | Data Insertion Successful | Quantity=1, location=asdasd, contact=asdasd, payment way=esewa | Data Insertion Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Category Addition | Category Successfully Added | Super Bikes | Addition Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Category Deletion | Category Successfully Deleted | asd | Deletion Successful | Pass | Prashant Shrestha | 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 | Prashant Shrestha | 2019/06/30 |  |
| Parts Add | Parts add Successful | Asd, , image.jpg ,asd, 1233, 1, | Parts Successfully Added | Pass | Prashant Shrestha | 2019/06/30 |  |
| Parts Delete | Parts Delete Successful | Id=1 | Parts Delete Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Parts Edit | Parts detail Update Successful | Asd, , image.jpg ,asd, 1500, 2, | Parts detail Update Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Bike Add | Bike Addition Successful | Harley, image.jpg, 10, 1233, asd, asdasd | Bike Addition Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Bike Update | Bike detail Update Successful | Harley, image.jpg, 10, 1500, asd, asdasd | Bike Detail Update Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Bike Delete | Bike Deletion Successful | 1 | Bike Deletion Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Blog Add | Blog Add Successful | asd, image.jpg, asasdsadd, | Blog Add Update Successful | Pass | Prashant Shrestha | 2019/06/30 |  |
| Blog Update | Blog Update Successful | asdw, image.jpg, qwesdadd, | Blog Update Successful | Pass | Prashant Shrestha | 2019/06/30 |  |