Software Testing Report on

Supply Chain Traceability for Organic Jaggery

Submitted By

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Under the Guidance of

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Department of Information Technology
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Affiliated To

Savitribai Phule Pune University, Pune

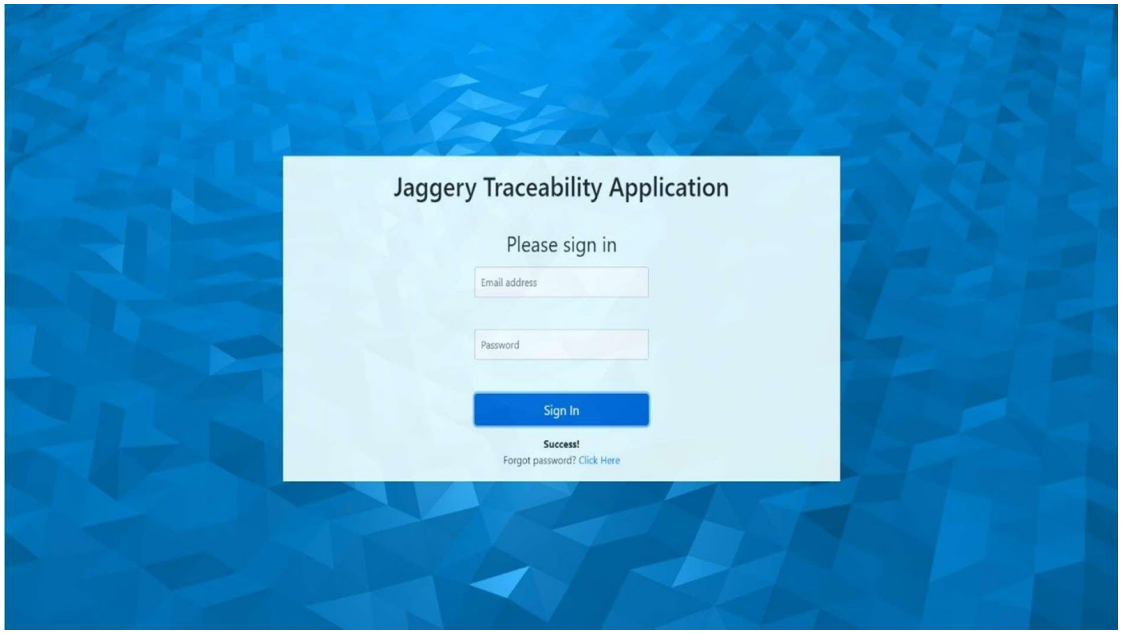
List of Test Cases:

Sr. No.	Test Case Name	Prerequisites	Action	Excepted Result	Actual Result	Status
1	Login	Username and password should be entered.	Click on login button	Login successful for valid credentials	Successful login	Pass
2	Login	Username and password should be entered.	Click on login button	Login unsuccessful for invalid credentials	Login failed	Pass
3	Register User	All details must be entered	Click on Register button	Successful Registration for correct details	Successful Registration of the User	Pass
4	Register User	All details must be entered	Click on Register button	Registration unsuccessful for invalid credentials	Registration of User failed	Pass
5	Update Profile Validation	All details must be entered	Click on Update Profile button	Alert generated for invalid phone number	Alert generated for invalid phone number	Pass
6	Add Product By the Manufacturer	User must be logged in	Add Product Details and Click on Add Product Button	Product information inserted in Multichain	Product is registered	Pass
7	Add Product By the Manufacturer	User must be logged in	Add Product Details and Click on Add Product Button	Product information not inserted in Multichain as product already exists	Product is not registered	Pass

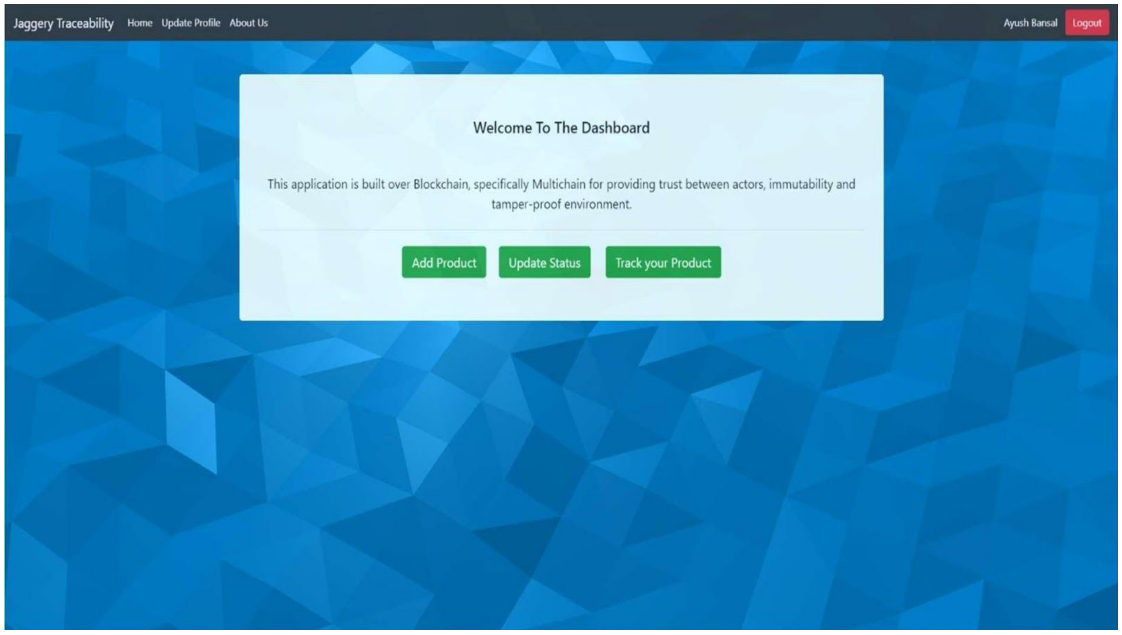
8	Add Product By any actor excluding Manufacturer	User must be logged in	Add Product Details and Click on Add Product Button	Product information not inserted in Multichain as product already exists	Product is not registered	Pass
9	Update Status by product possessor	User must be logged in and should enter all the details	Click on Update Status Button	Product information inserted in Multichain	Product is updated	Pass
10	Update Status by product possessor	User must be logged in	User enters product details and Click on Update Status Button	Product information not inserted in Multichain as product doesn't exist	Product is not updated	Pass
11	Update Status by Any actor excluding product possessor	User must be logged in and should enter all the details	Click on Update Status Button	Product information not inserted in Multichain as user is not Authorized	Product is not updated	Pass
12	Trace product	User must be logged in and should enter product ID	Click on Trace Product Button	Product information is shown to the user	Product is traced	Pass
13	Trace product	User must be logged in	User enters invalid Product ID and Click on Trace Product Button	Product information is not shown to the user and Error is shown to the user	Product is not traced as product doesn't exist	Pass
14	Change Password	User must do sign in	User enters email id and new password and confirm it	Password must be changed successfully for registered email id	Password changed successfully	Pass

15	Change Password Validation	User must do sign in	User enters email id and new password and doesn't confirms it	Alert generated for confirmation of password	Password doesn't changed	Pass

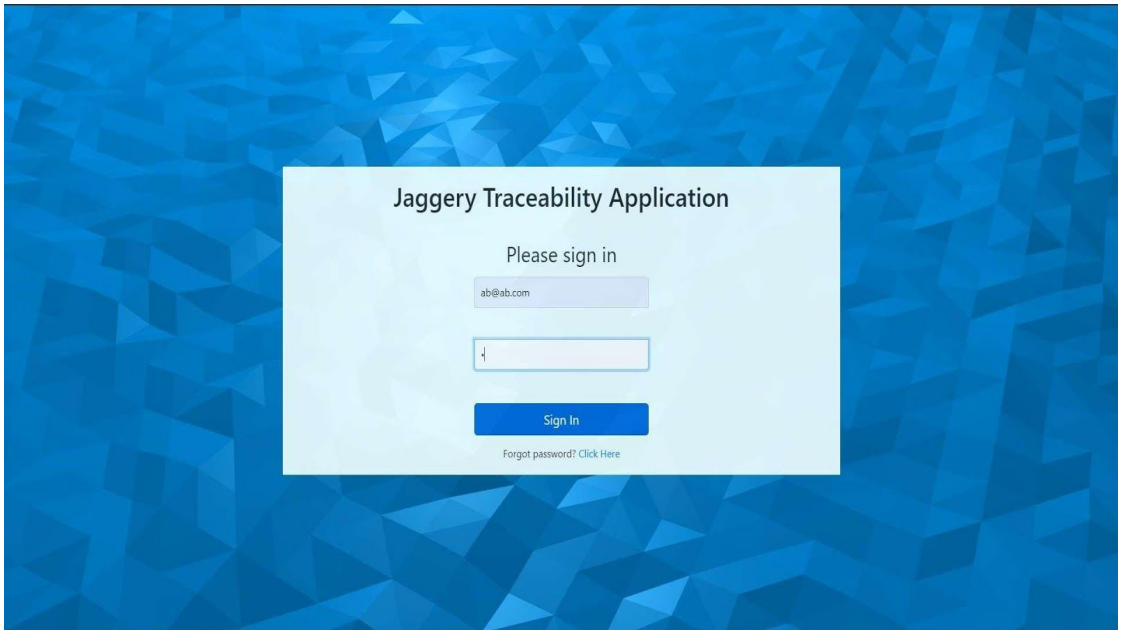
1. **Login for valid Credentials**

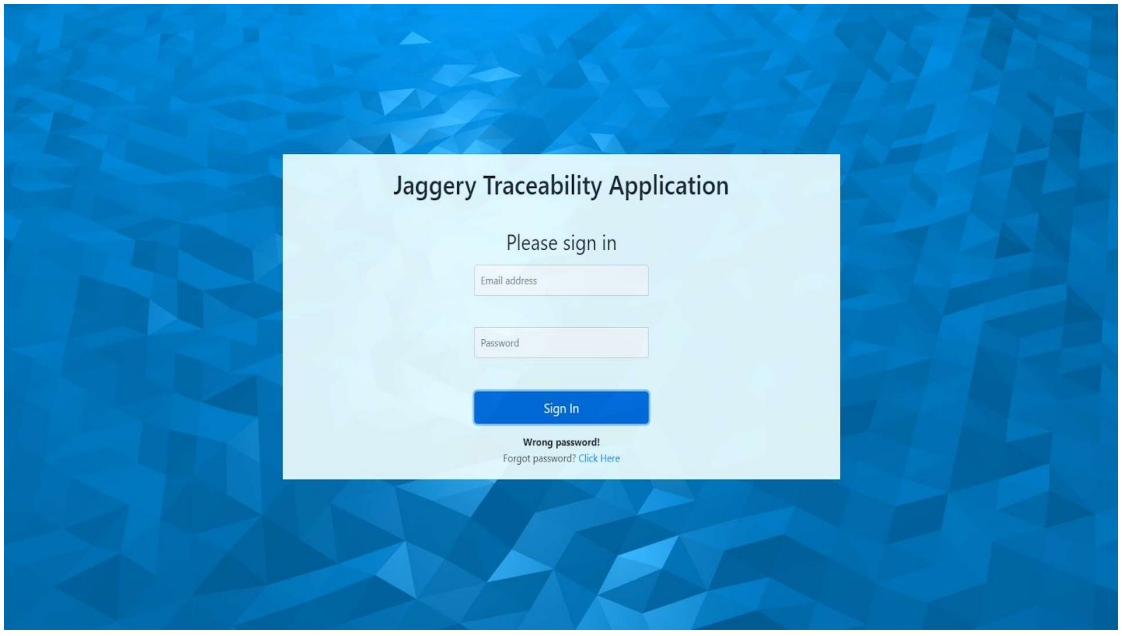


Dashboard displayed to authenticated user:

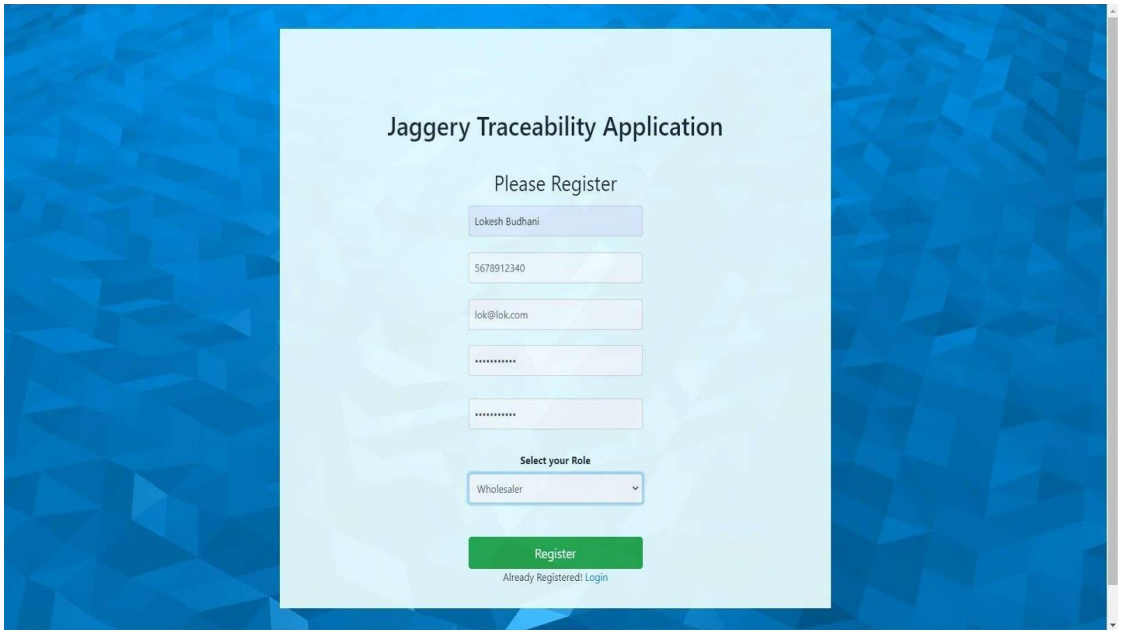


2. Login unsuccessful for invalid credentials

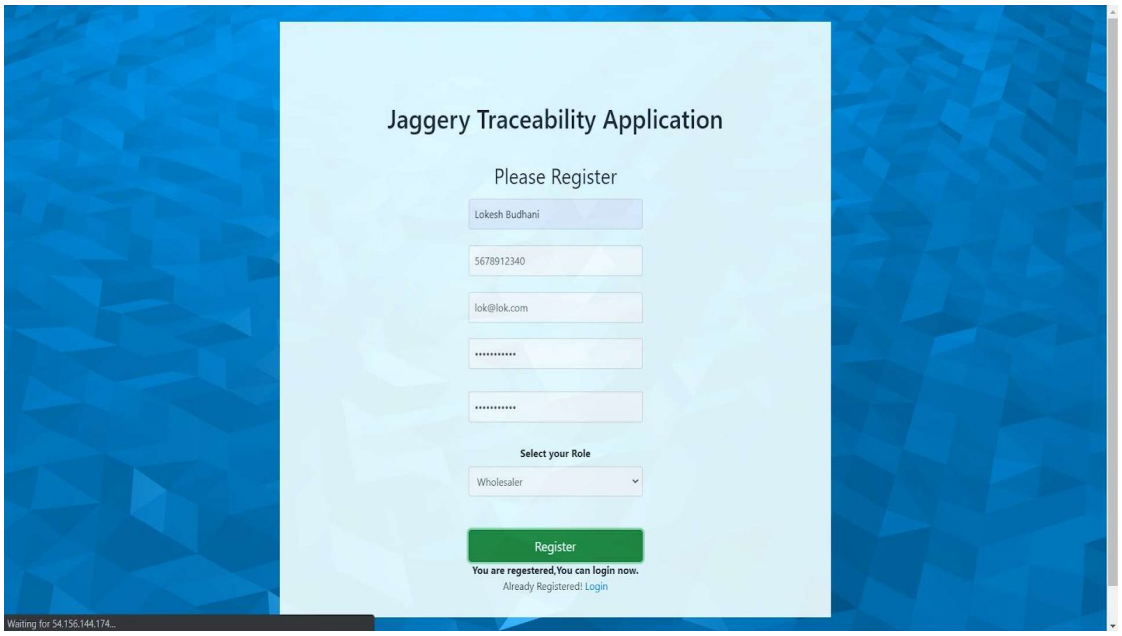




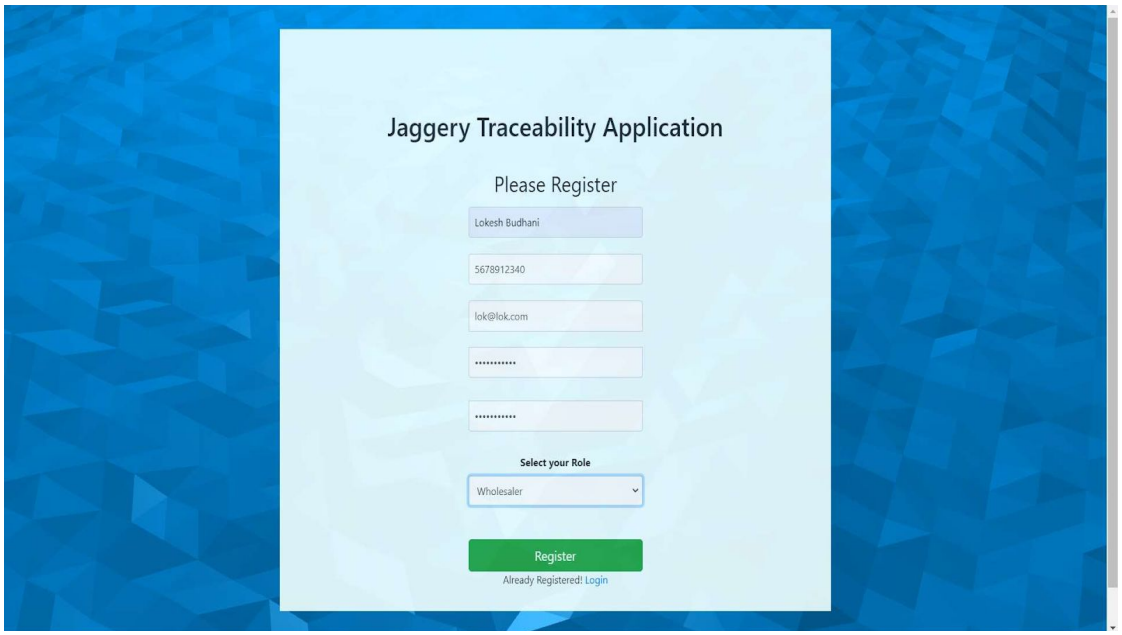
3. Registration successful if valid details entered



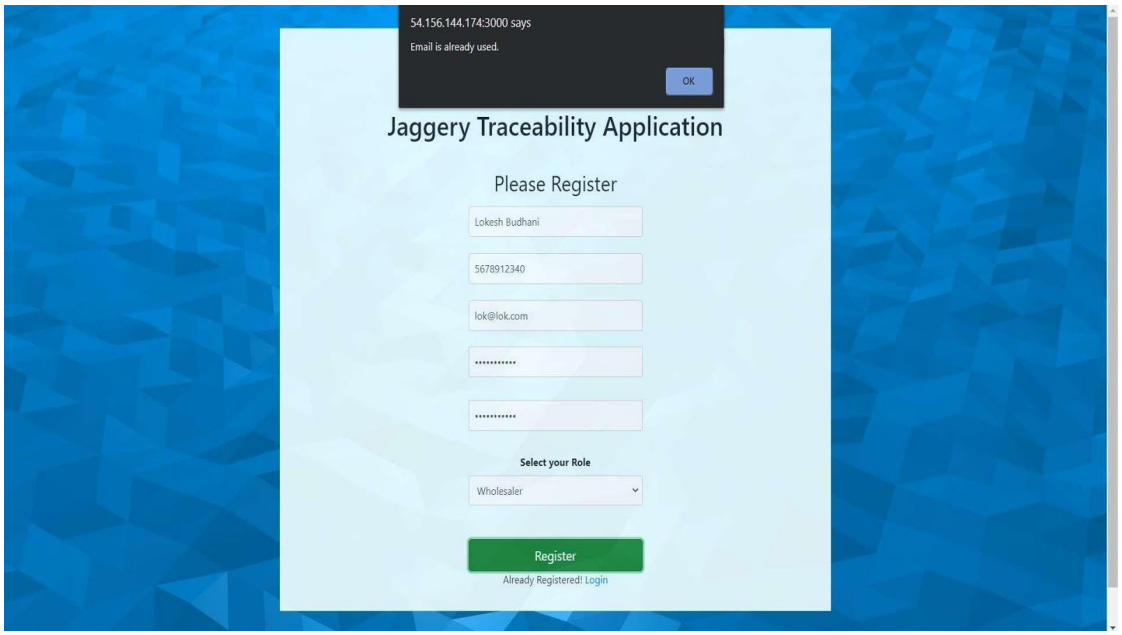
Registration Successful



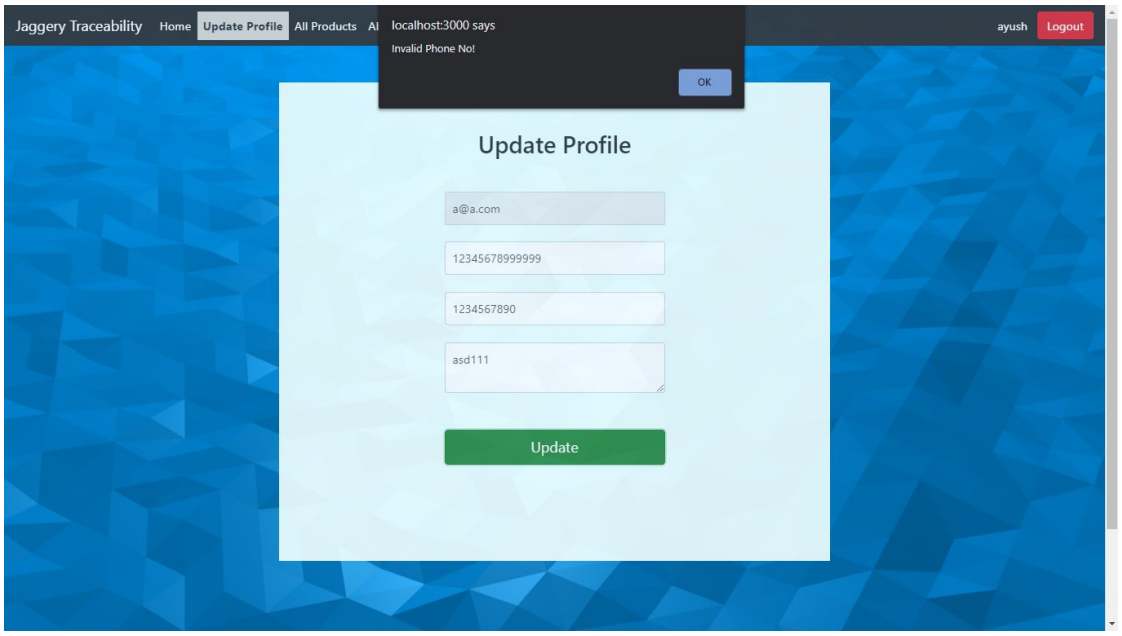
4. **Registration unsuccessful if invalid details entered or user already present**



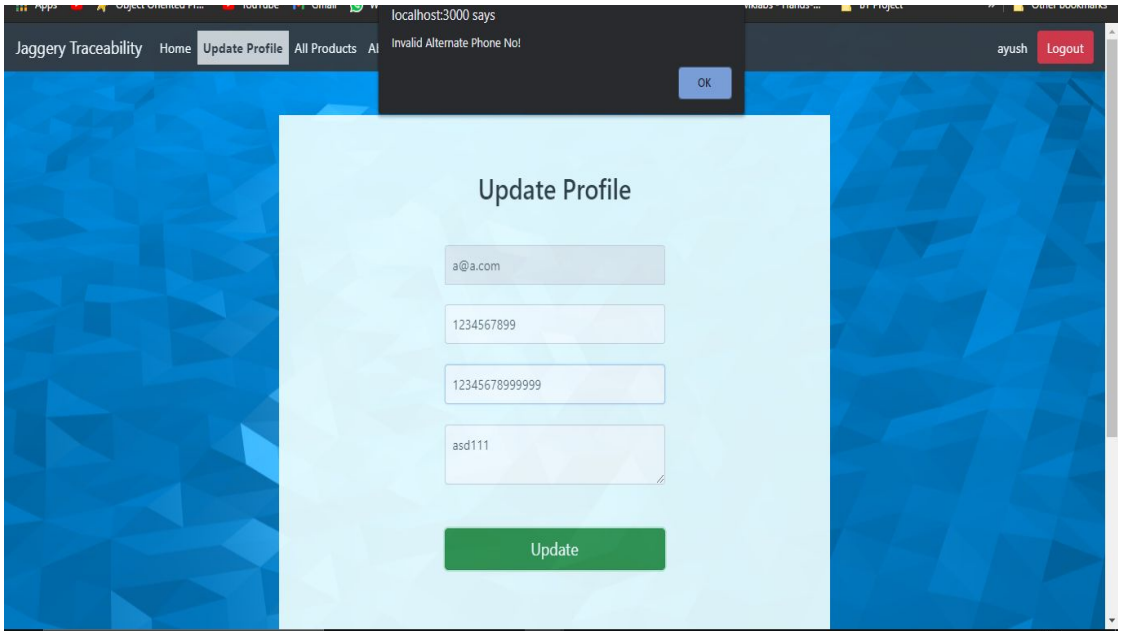
Alert generated because user is already present



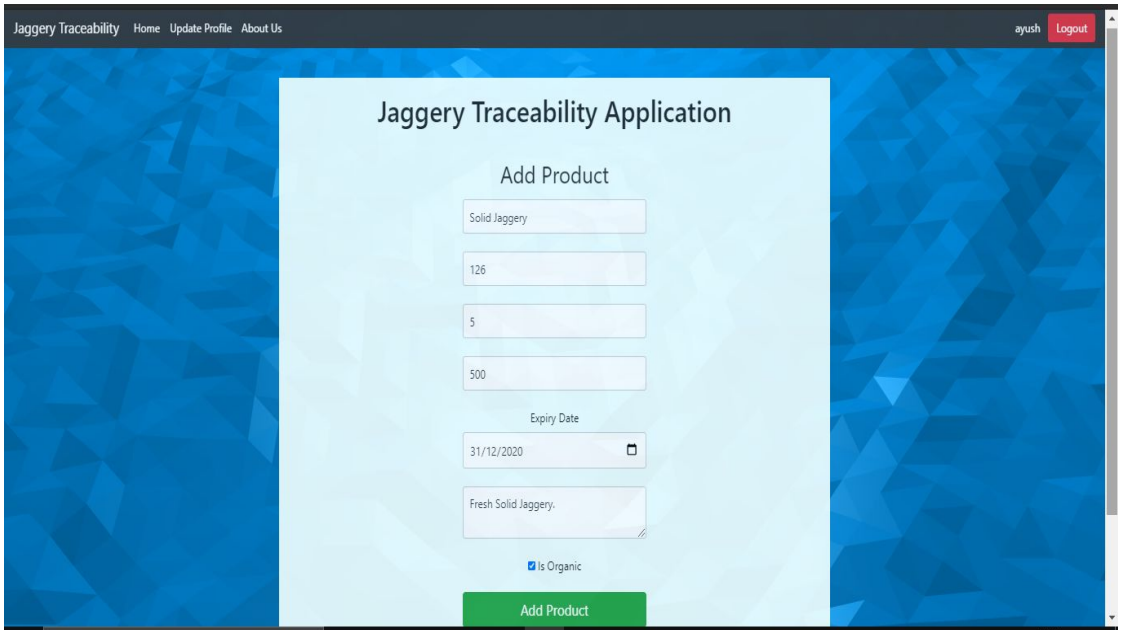
5. Update Profile with invalid phone number



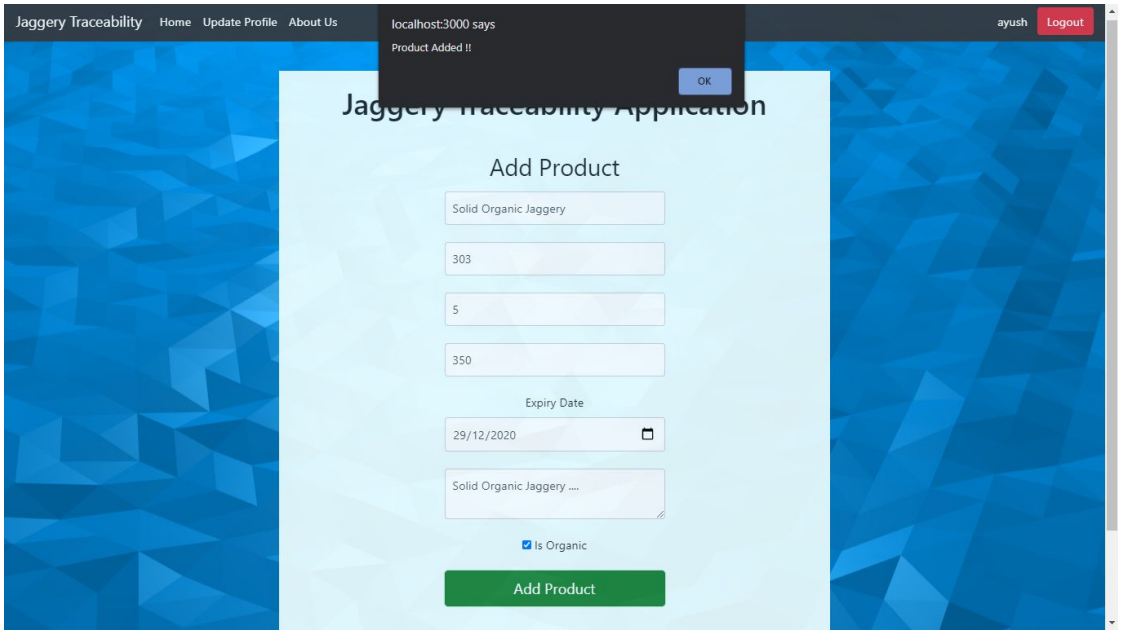
Alert generated for invalid alternate phone number



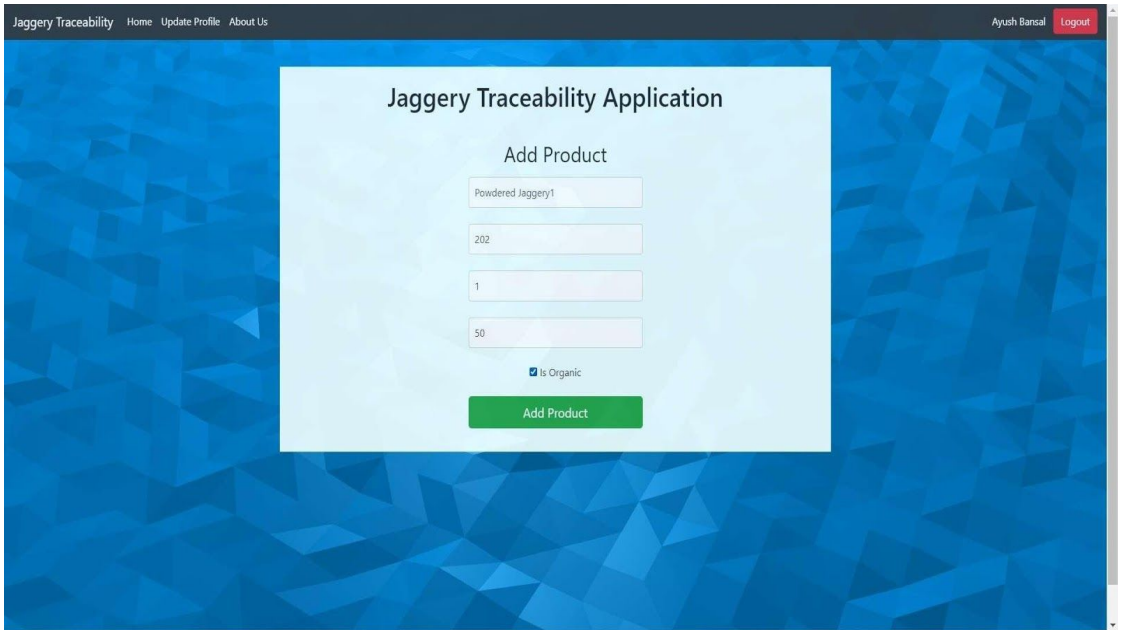
6. Add Product By the Manufacturer



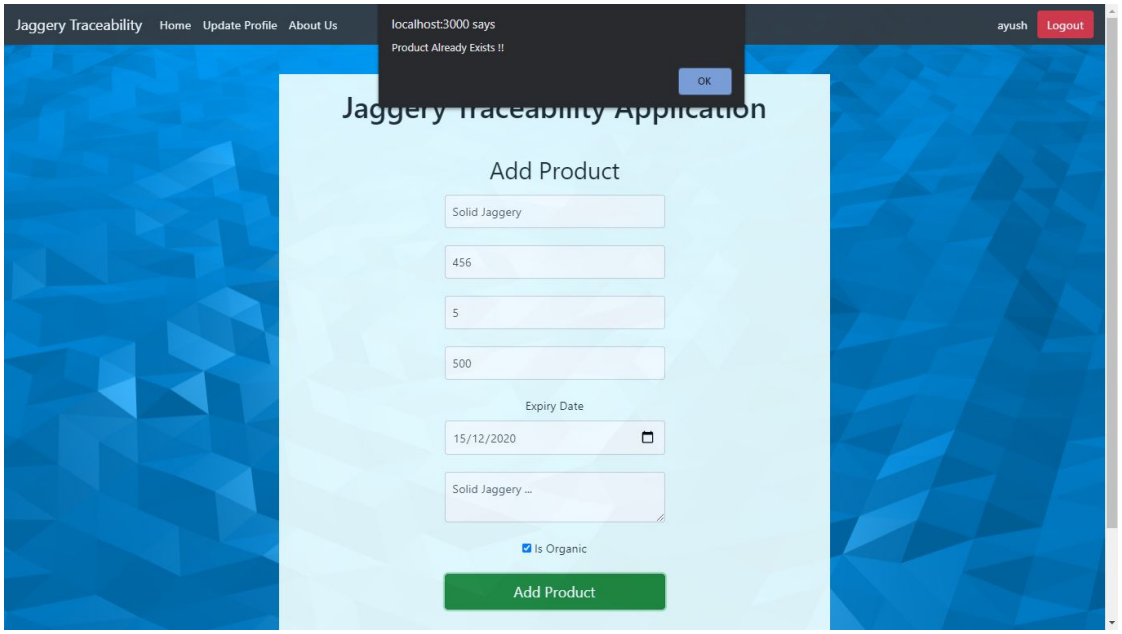
Product added successfully



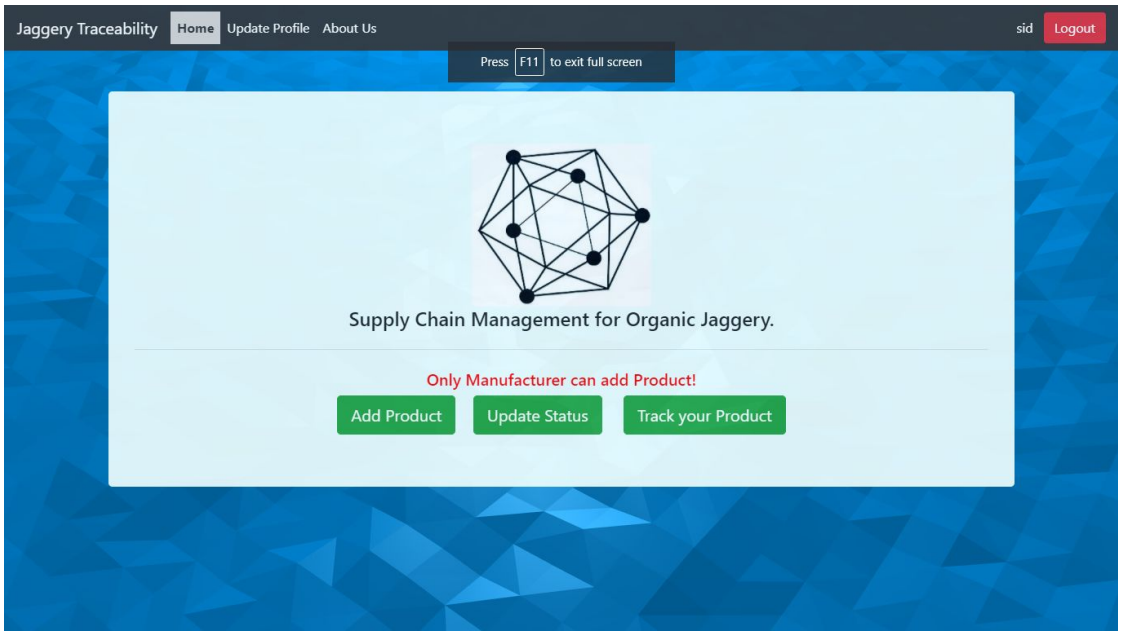
7. Add product by Manufacturer failed as product already exists



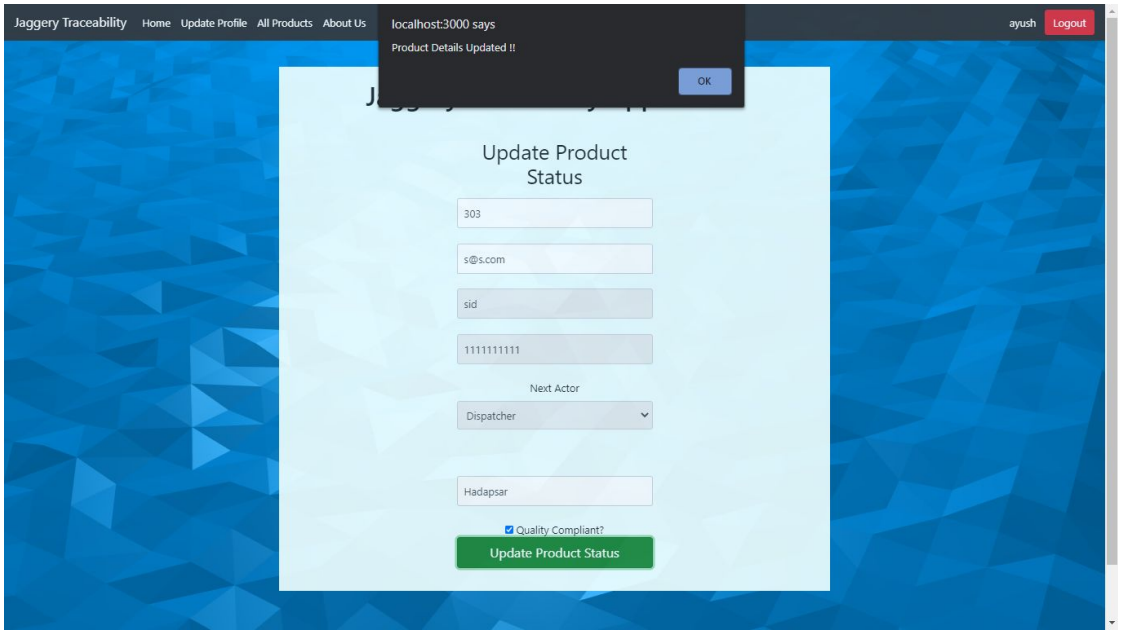
Alert generated as product already exists



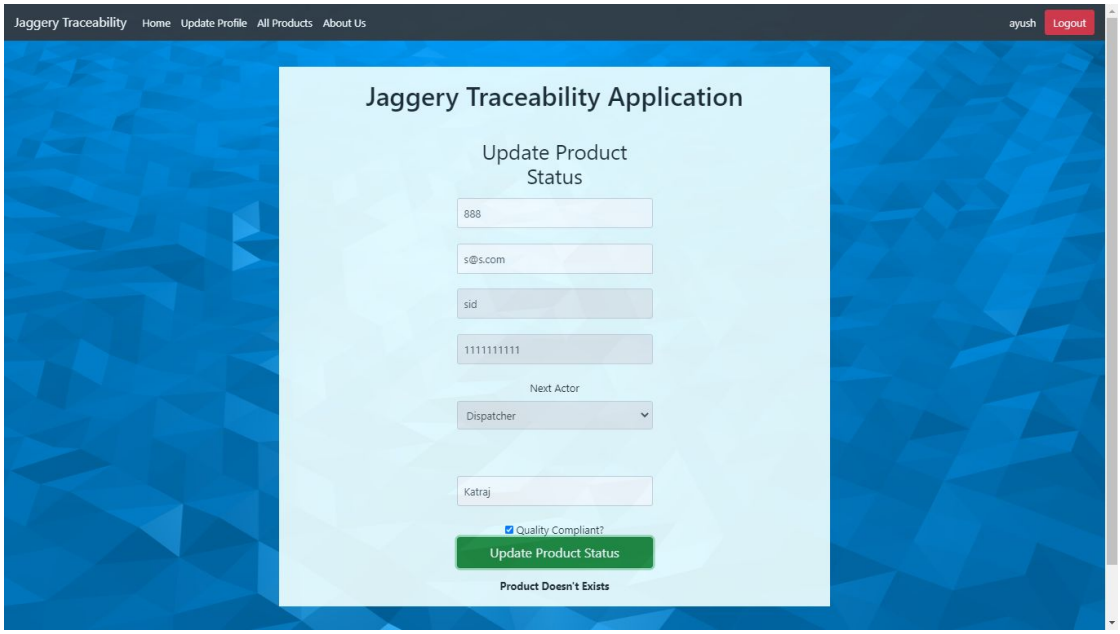
8. **Add product by any actor failed due to the authorization error**



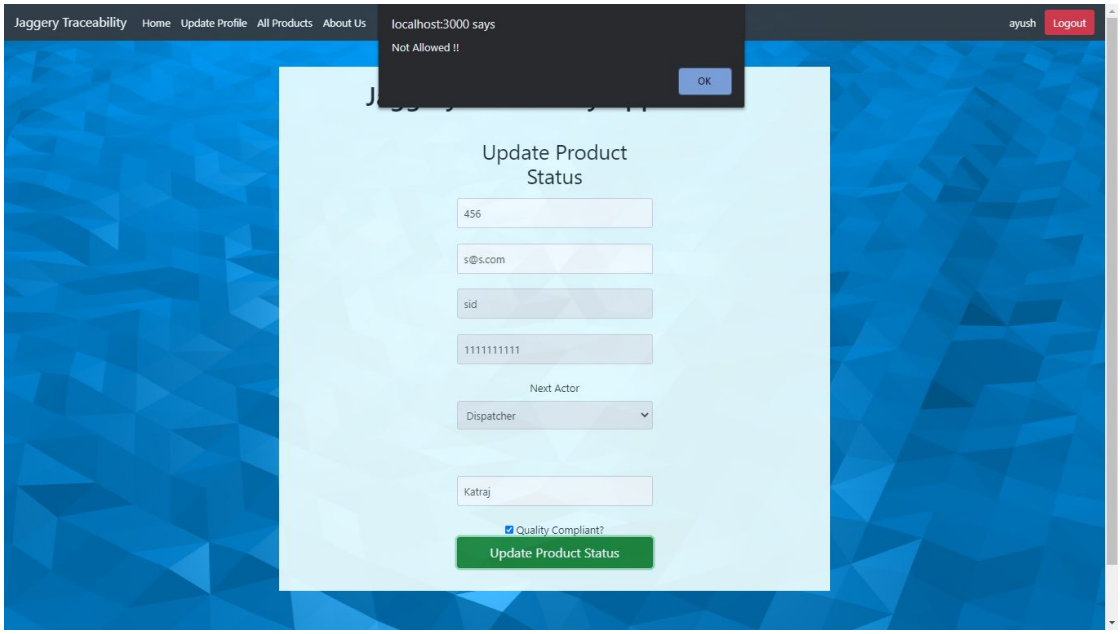
9. **Update Status successful when done by product possessor**



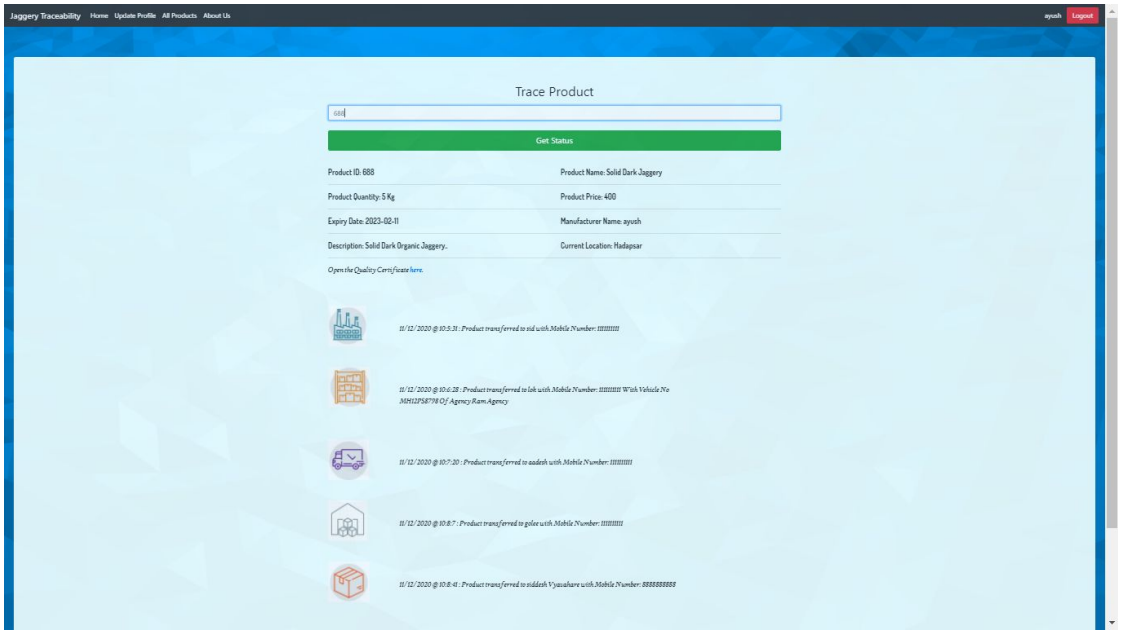
10. **Update Status unsuccessful when done by product possessor with invalid details**



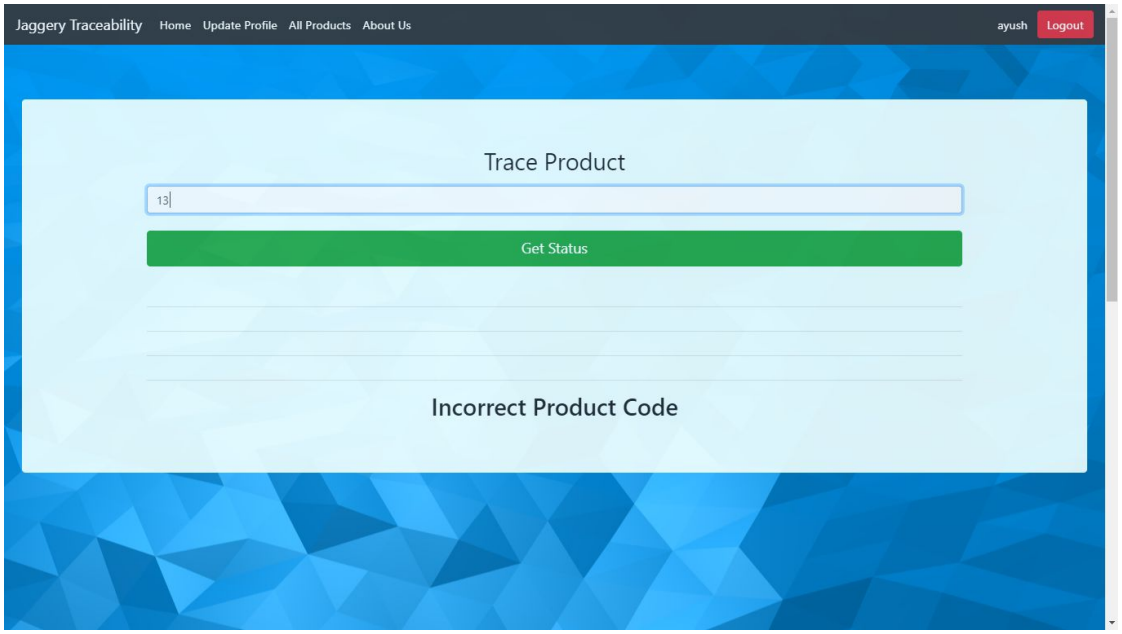
11. **Update Status unsuccessful when done by actor other than product possessor**



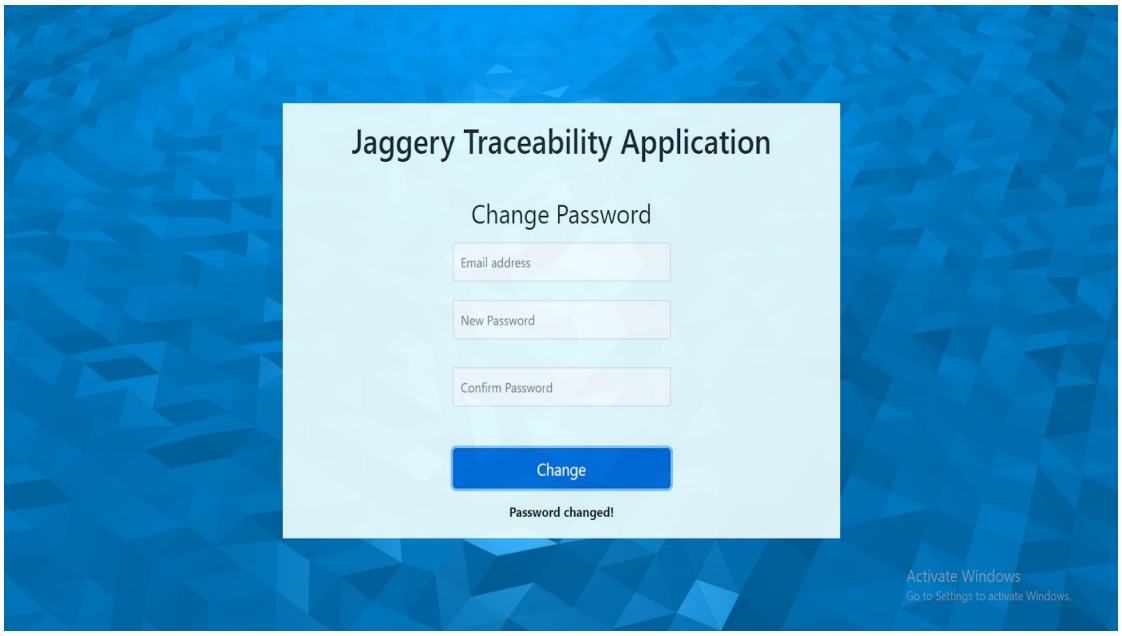
12. Trace product with valid product details



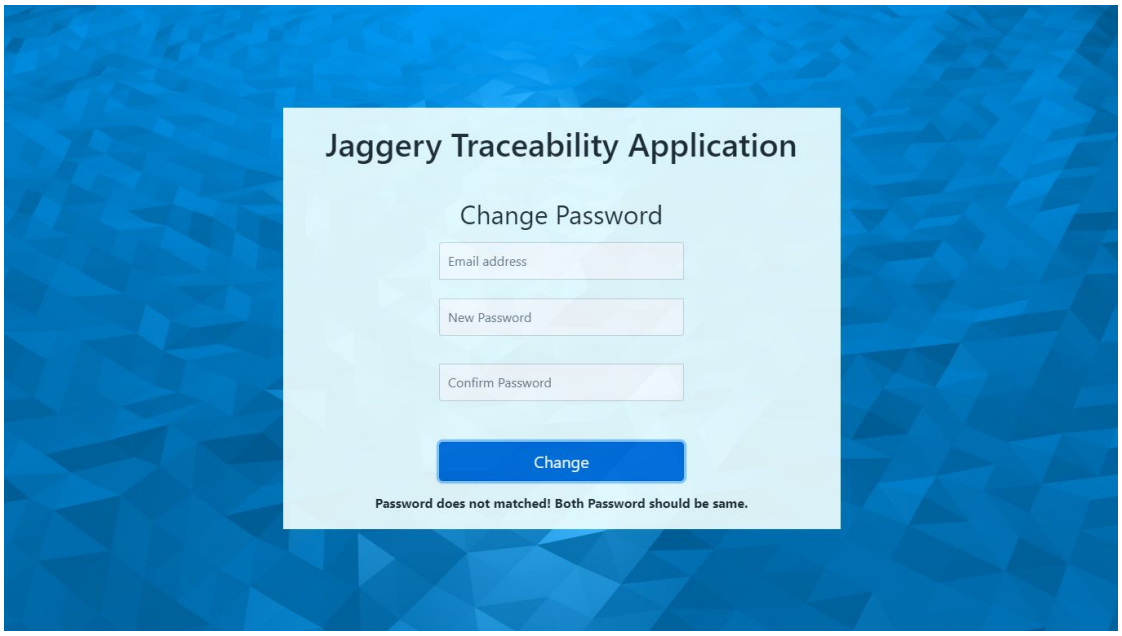
13. Trace product with invalid product details



14. Change password



15. Change password validation



Conclusion:

Hence, we have performed the software testing on our project titled “Supply Chain Traceability for Organic Jaggery “ under the guidance of our project guide Dr. Priya Shelke.