

Cards Going Postal Testing Documentation

Software Engineering Testing (COMP H2027)

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Unit Testing

Validation Testing

I) Array Validation

I.i) Index

I.ii) Type

II)

User Interface Testing

Login mistake

- User is kept on page and error message saying the login was unsuccessful

-> --> -->

Jnsuccessful login, Please try again

ABOUT US

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Login

Email Address Password

Login successful

- User is redirected to the profile page displaying their personal data

CARDS GOING POSTAL

CREATE IMAGE VIEW GALLERY PROFILE

EDIT USERNAME AND PASSWORD

Email Password

Insert address

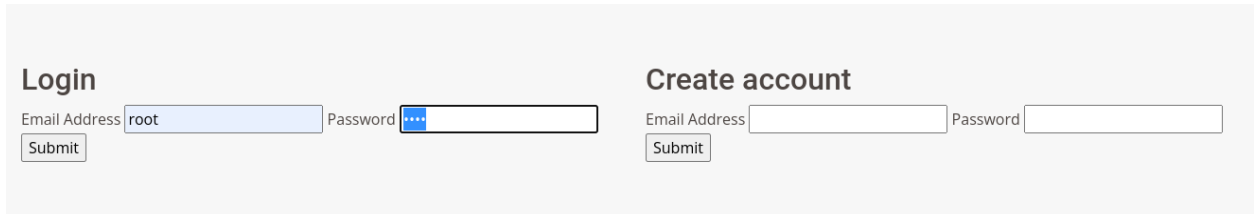
First Name Second Name Address Line 1 Address Line 2
Zip Code Country

Please insert card data

Ccnr First Name Second Name Expiry Date
Security Number

User tries to copy password from password field

- User tries to copy password from field, will not copy

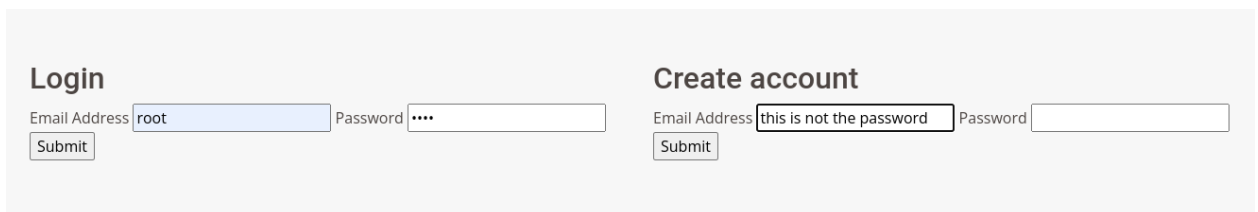


Login

Email Address Password

Create account

Email Address Password



Login

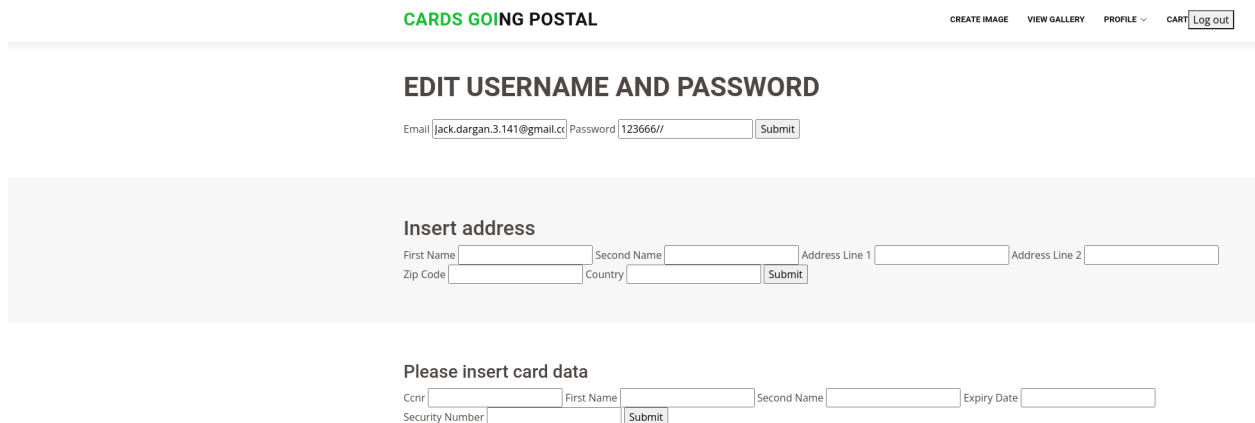
Email Address Password

Create account

Email Address Password

Account created successfully

- Brought to users profile page to edit user details



CARDS GOING POSTAL

CREATE IMAGE VIEW GALLERY PROFILE

EDIT USERNAME AND PASSWORD

Email Password

Insert address

First Name Second Name Address Line 1 Address Line 2

Zip Code Country

Please insert card data

Ccnr First Name Second Name Expiry Date

Security Number

Account already exists

- Error appears, stay on the same page

> --> -->

```
ring(5) "email" string(27) "Jack.dargan.3.141@gmail.com" string(8) "password" string(4) "test" INSERT INTO user VALUES (:email, :password)
QLSTATE[23000]: Integrity constraint violation: 1062 Duplicate entry 'Jack.dargan.3.141@gmail.com' for key 'PRIMARY'
```

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Finally, the last line

Login

Email Address Password

Create account

Email Address

First inserting address

- Fill in details, the page will be reloaded and field changed to show “edit details”

Insert address

First Name Second Name Address Line 1 Address Line 2
Zip Code Country

Edit address

FName SName AddLine1 AddLine2 Zip
 Country

- **(If leave a field blank):** Will display “please fill in field” implying all fields must be filled to continue

Editing address

- User able to edit address detail fields, then by pressing submit, will reload and change details.

Edit address

FName	<input type="text" value="d"/>	SName	<input type="text" value="r"/>	AddLine1	<input type="text" value="Meadows End, Rath Lane, F"/>	AddLine2	<input type="text" value="Rath Lane"/>	Zip
	<input type="text" value="K67WD34"/>	Country	<input type="text" value="Ireland"/>	<input type="button" value="Submit"/>	<input type="button" value="Delete"/>			


Edit address

FName	<input type="text" value="x"/>	SName	<input type="text" value="x"/>	AddLine1	<input type="text" value="x"/>	AddLine2	<input type="text" value="x"/>	Zip
	<input type="text" value="x"/>	Country	<input type="text" value="x"/>	<input type="button" value="Submit"/>	<input type="button" value="Delete"/>			

- **(If leave a field blank):** Will display “please fill in field” implying all fields must be filled to continue

Edit address

FName	<input type="text" value="to"/>	SName	<input type="text" value="r"/>	AddLine1	<input type="text" value="Meadows End, Rath Lane, F"/>	AddLine2	<input type="text" value="Rath Lane"/>	Zip
	<input type="text" value="K67WD34"/>	Country	<input type="text"/>	<input type="button" value="Submit"/>	<input type="button" value="Delete"/>			

 Please fill in this field.

Deleting address

- Just have to press the ‘delete address’ button and the page is reloaded and the insert address form is displayed

Edit address

FName	<input type="text" value="d"/>	SName	<input type="text" value="r"/>	AddLine1	<input type="text" value="Meadows End, Rath Lane, F"/>	AddLine2	<input type="text" value="Rath Lane"/>	Zip
	<input type="text" value="K67WD34"/>	Country	<input type="text" value="Ireland"/>	<input type="button" value="Submit"/>	<input type="button" value="Delete"/>			

Insert address

First Name	<input type="text"/>	Second Name	<input type="text"/>	Address Line 1	<input type="text"/>	Address Line 2	<input type="text"/>
Zip Code	<input type="text"/>	Country	<input type="text"/>	<input type="button" value="Submit"/>			

First inserting card details

- Fill in details, the page will be reloaded and field changed to show “edit card details”

Please insert card data

Ccnr	<input type="text"/>	First Name	<input type="text"/>	Second Name	<input type="text"/>	Expiry Date	<input type="text"/>
Security Number	<input type="text"/>	<input type="button" value="Submit"/>					

Editing card details

- User able to edit card details fields, then by pressing submit, will reload and change details.

Edit Card details

CcNr	<input type="text" value="1111111111"/>	FName	<input type="text" value="to"/>	SName	<input type="text" value="r"/>	ExpDate	<input type="text" value="2001-01-24"/>	SecNr	<input type="text" value="222"/>
		<input type="button" value="Submit"/>		<input type="button" value="Delete"/>					

- **(If leave a field blank):** Will display “please fill in field” implying all fields must be filled to continue

Edit Card details

CcNr	<input type="text" value="1111111111"/>	FName	<input type="text" value="to"/>	SName	<input type="text" value="r"/>	ExpDate	<input type="text" value="2001-01-24"/>	SecNr	<input type="text"/>
		<input type="button" value="Submit"/>		<input type="button" value="Delete"/>					
<div> Please fill in this field.</div>									

Deleting card details

- Just have to press the ‘delete’ button and the page is reloaded and the insert card details form is displayed

Edit Card details

CcNr FName SName ExpDate SecNr

Please insert card data

Ccnr First Name Second Name Expiry Date

Security Number

Logging out

- By pressing the logout button the user is logged out and brought back to the login page

CARDS GOING POSTAL

[CREATE IMAGE](#) [VIEW GALLERY](#) [PROFILE](#) [CART](#) [Log out](#)

EDIT USERNAME AND PASSWORD

Email Password

Insert address

First Name Second Name Address Line 1 Address Line 2

Zip Code Country

Please insert card data

Ccnr First Name Second Name Expiry Date

Security Number

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- ✓ This is an example line
- ✓ This is an example line
- ✓ This is an example line

Finally, the last line

Login

Email Address Password

Create account

Email Address Password

Requirements Testing

User Management

Requirement	Test Result
• Admin is prepopulated	PASS
• User can signup and login	PASS
• User has a profile with list of purchases	FAIL
• Input, changing details on the profile will be sanitized	PASS

Content Creation

Requirement	Test Result
• User can build cards by using picture templates with textboxes	FAIL
• The cards can be saved	FAIL
• The cards can be shared	FAIL
• Own templates uploadable to database meeting set standards.	FAIL

Billing and Shipping

Requirement	Test Result
• Cards can be send postal with maillinglists	PASS
• Shipping will increase billing	PASS

Equivalence Partition Testing

External Condition	Valid Equivalence Classes	Invalid Equivalence Classes
Passing an integer to an array	Integer is in array bounds	-Integer is out of bounds -Passed argument is not an integer

Basis Path Testing

Currently have no calculation which we can apply a flow graph to.