|  |  |
| --- | --- |
|  | 2021-22 |
| **School of Computing, Engineering and Mathematics** |
|  |
|  |
|  |
|  |  |
|  |  |
|  |  |
|  |  |
|  | **5001CEM**  **Software Engineering**  **Test Regime Template** |
|  |  |

**Test Regime**

1. **Maninder singh / 10340383**
2. **Project**

Project- An online tool for an online company selling books

Project scope- online Book shop with login, shopping cart and administrative tools which lets admin add stock as well as stock level.

No advance functioanlity, limited data, and no checkout feature.

Demo can be shown in Flask, sql, html, css. Security and UX are not a focus

1. **Test scope**

Home page

Stock levels

Add stock

Cart

Login

3.1 out of scope

Security

Checkout feature

1. **Test time**

45 min

1. **Test regime**
   1. Home page(5 mins)
      * Test 1: All the Book’s inforatoin is shown on hope page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 2: Books thumbnail image is shown on hope page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* 1. Stock level(10min)
     + Test 1: If user not logged in stock level button redirects user to login page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 2: If customer logged in stock level will not be allowed to access and info message should be shown

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 3 : If admin logged in stock level shoud be accessible

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 4 : Stock level page shoud display all the books with ISBN number, quantity, name and thumbnail image

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* 1. Add stock (10min)
     + Test 1 : Stock level page shoud display Add stock button that will take user to add stock page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 2 : Flilling in correct information will give message about book has been added to stock

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 3 : Going to home page wil show new book that has been added through add stock form

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* 1. Cart (10min)
     + Test 1 : total number of books and total price shoud be shown on home page once book has been added to cart

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 2 : Cart page should display all the books that have been added and there should be no duplicates

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* 1. Login (10min)
     + Test 1 : user will get message if they input wrong username or password

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |

* + - Test 2 : successful login will take user to home page with message about user has been logged in

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Pass | Yes / No | Fail | Yes / No | Comments |  |