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

**1 Developer name / SID: 6200491**

**2 Project**

Book-Shop project website enabling user login, dashboard with product items, shopping cart, books section with a search function and enabled previewing of book(s). Additional functionality includes checkout system which is not connected and unfortunately gives no response at this time.

Please note that the images and content is broken due to more time required to fix Flask Factory app and configuration of import with assets

**3 Test scope**

1. Registeration form information and login information
2. Basic main page
3. Products listing page (Books)
4. Adding and removing from cart

3.1 out of scope

* User experience and user interface usability
* Payment response system (i.e. issuing emails)
* Security systems with flask enabled login
* Loading of image content
* Administration access to review books on systems

**4 Test time**

Test time should take 30 minutes

**5 Test regime**

|  |  |  |  |  |  |  |  |
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| 4.3 Book Shop testing | | |  |  |  |  |  |
|  | 1. System access validation | | |  |  |  |  |
|  |  | Database user records should be validated with login | | | | | |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  |  | Registration form data should correctly write to database | | | | | |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  |  | Username/Email field should only allow valid email addresses | | | | | |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  | 2. Main Dashboard | |  |  |  |  |  |
|  |  | Shopping cart accessible and content removable and can be added | | | | | |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  |  | Links of books should enable previewing information | | | | | |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  | 3. Books selection page | | |  |  |  |  |
|  |  | Search functionality lists selected categories | | | | |  |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  |  | Clicking on books enables previewing the information | | | | | |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  | 4. Other links on page responsive | | | |  |  |  |
|  |  | Clicking on about gives a link and a webpage | | | | |  |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |
|  |  | Clicking on contact us gives a link and webpage | | | | |  |
|  |  | Pass | Yes/No | Fail | Yes/No | Comments | |