**Assignment: Deep Tomer**

**Question: 1**

**Effort Estimation:**

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| **S No** | **Task Name** | **Effort ( hrs)** | **Status** | **Owner** |
| 1 | Requirement Analysis | **1** | **Done** | Deep |
| 2 | Test Case Creation | 3 | **Done** | Deep |
| 3 | Test Execution Effort | 8 | **Done** | Deep |
| 4 | Automation Effort | 8 | **Done** | Deep |
|  | **Total Effort** | **20** |  |  |

**Architecture:**



**Test Cases:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Functional Area** | **Test Case ID** | **Test Case Summary** | **Automable** |
| Front-end | TC\_FE\_01 | Verify that the Section for Creating new component is Present on the Page with the Following Fields:- 1) Name 2) Description 3) Price 4) Image Upload | Yes |
| Front-end | TC\_FE\_02 | Verify that the field for Image Upload is Optional and all other are mandatory | Yes |
| Front-end | TC\_FE\_03 | Verify that the Button to add new product and clear the form field are present and working | Yes |
| Front-end | TC\_FE\_04 | Verify that the forms level validations are working ( Format of inputs), alphanumeric fields, decimal places, image Format | Yes |
| Front-end | TC\_FE\_05 | Verify that the page display a list containing existing items with the following Fields :- 1) Name 2) Price 3) Image thumbnail 4) Remove Button | Yes |
| Front-end | TC\_FE\_06 | Verify that the newly Added Item is displayed in the List | Yes |
| Front-end | TC\_FE\_07 | Verify that Pagination is working on the page when applicable ( number of added products are more) | Yes |
| Front-end | TC\_FE\_08 | Verify that the user is able to remove and existing products | Yes |
| Front-end | TC\_FE\_09 | Verify that user can not add a Duplicate product ( validation error message) | Yes |
| Front-end | TC\_FE\_10 | Verify that when user click on the Product name user Land on the product details page | Yes |
| Front-end | TC\_FE\_11 | Verify that the following details are present on the product details page:- 1) Name 2) Description 3) Price 4) Photo ( in case this is present on listing page) | Yes |
| Front-end | TC\_FE\_12 | Verify that the page is in compliance of Accessibility testing ( tabbing, narrator works) | NA |
| Front-end | TC\_FE\_13 | Verify that Page is responsive and supports multiple view ports | NA |
| Front-end | TC\_FE\_14 | Verify that the Page is rendering on Different browsers in scope ( IE, Edge, Safari, Mozilla) | NA |
| Front-end | TC\_FE\_15 | Verify that Page is rendering on Mobile viewport | NA |
| Front-end | TC\_FE\_16 | Verify that the content of Landing pages is horizontally and vertically centered. | Yes |
| Front-end | TC\_FE\_17 | Verify that the content of Product Details pages is horizontally and vertically centered. | Yes |
| Front-end | TC\_FE\_18 | Verify that page does not refresh when user add a new product | NA |
| Front-end | TC\_FE\_19 | Verify that page does not refresh when user Delete an existing product | NA |
| Front-end | TC\_FE\_20 | Verify that on Page refresh, newly added data is not lost | Yes |
| Backend | TC\_BE\_01 | Verify that the newly Added Item is added in the Database | NA |
| Backend | TC\_BE\_02 | Verify that the information of deleted product is cleaned up form database | NA |
| Backend | TC\_BE\_03 | Verify that there is no loss of new/existing information on system restart | NA |
| API | TC\_API\_01 | Verify the **POST** API request for new inventory addition return success | Yes |
| API | TC\_API\_02 | Verify the **GET** request for Product details page return success | Yes |
| API | TC\_API\_03 | Verify the **DELETE** request for Inventory return success | Yes |
| API | TC\_API\_04 | Verify the **GET** request for All Product list return success | Yes |

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| --- | --- | --- | --- |
| **Question -3** | **Issue Type** | **Issue no** | **Issue Summary** |
|  | **Functional** | **1** | Header Logo Navigation for Home Page is Missing |
|  | **2** | Help Links are not working |
|  | **3** | View Photo & Signature Section has missing images |
|  | **4** | Phone number field does not have space for country Code |
|  | **5** | Street Road name dropdown does not display Value |
|  | **6** | Connection Details Section:- No Field limit for Total Load Field |
|  | **7** | Footer area is too long |
|  | **8** | Calculate Load Link not working |
|  | **9** | Link Not working:- DOWNLOAD FORMAT OF 'NOTARIZED INDEMNITY BOND OF Rs.500/- |
|  | **10** | Upload Required Document's, no option to remove loaded Attahments |
|  | **11** | No Information dislayed about the upload results |
|  | **12** | Generate Otp CTA does not works |
|  | **13** | View Terms & Conditions & Declaration link does not works |
|  | **14** | Required error not displayed for Consumer no |
|  | **15** | Fileld limit not set for OTP |
|  | **16** | reset button is not clearing all the fields |
|  | **17** | Error for all the field are not consistent |
|  | **Usability** | **1** | Page is too long, should be divided into sections with Expand/collapse toggle |
|  | **2** | There should be Submit option for Saperate Section so that user don’t have to come back to for field validations laters on |
|  | **3** | Category of Premise\*, by Dafault first option is not selected |
|  | **4** | Horizontal Scroll Bar on the page in responsive mode |
|  | **5** | Site is not fully Responsive |
|  | **6** | Accessibility Issues ( Missing Lablels and Contrast Errors on the Page) |
|  | **7** | Error messages are in caps and small, should follow same format |
|  | **8** | Options should be there to remove the uploaded attachment |
|  | **9** | Select Connection Type\* - here \* font should be Red |
|  | **10** | Alignment of Title and First Name Drop down |
|  | **11** | Payment Option Section:- Aligment of Full & partial payment Radio options |
|  | **12** | Field error/format validation should be there |
|  | **UI Aesthetics** | **1** | Left Padding on the page, need some more space before content following Fields :- 1) All fields marked as \* are mandatory. 2) Please select Image. |
|  | **2** | Spacing and Alignment of Radio button with text, Should have proper spacing |
|  | **3** | Font size of Yes/No Radio options in the Whether power supply address is same as billing address is different from Page theme |
|  | **4** | Proper segmentations is not followed on the Page |
|  | **5** | Text field should be of same size |
|  | **6** | Subsection should have save/edit section |
|  | **7** | Different color theme is followed |

**Question 2: Code packet is attached, follow the Readme file.**