Practical 5

Project Scheduling and Test Case Writing

# Define Complexity and Time Estimation

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Screen Name** | **Time** | **Complexity** |
| 1 | Splash screen with version check | 40 min | Medium |
| 2 | Student Details | 180 min | Hard |
| 3 | Document Upload | 180 min | Hard |
| 4 | Message | 150 min | Hard |
| 5 | Admission Steps | 80 min | Medium |
| 6 | Admission Tracking | 30 min | Easy |
| 7 | Home Page | 120 min | Medium |
| 8 | Contact US | 80 min | Medium |
| 9 | Particular Field Admission Process | 60 min | Medium |
| **Other Activity** | | | |
| 10 | Database preparation | 240 min | Medium |
|  | **Total Time Required** | **920 min (19 Hour)** | |

# Testing scenario

## Feature: Student Details

#### Function ID: F1

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| --- | --- |
| **Testcase ID** | **Testing Scenario** |
| F1TC1 | Check details of student are proper |
| F1TC2 | Check details of student are improper |
| F1TC3 | Check result to scan the Bar Code and QR code to display proper details of students. |
| F1TC4 | Check result to scan the Bar Code and QR code to display improper details of students. |

## Feature: Document Upload

#### Function ID: F2

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| --- | --- |
| **Testcase ID** | **Testing Scenario** |
| F2TC1 | Check result on select type invalid document from file is upload to show alert message “invalid type”. |
| F2TC2 | Check result on select document with size is 25 MB from file is upload to show alert message “Size is above 25MB”. |
| F2TC3 | Check result on click submit when all documents are uploaded to display message “Documents Uploaded”. |
| F2TC4 | Check result on click submit when some documents are pending to upload then show red border on pending document portion. |

## Feature: Message

#### Function ID: F3

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| --- | --- |
| **Testcase ID** | **Testing Scenario** |
| F3TC1 | Check result to highlight border in message typing portion when user not enter any latter in typing portion and send it |
| F3TC2 | Check result to display actual message on sender side in page which is entered by user in text box and send it |
| F3TC3 | Check result on entering message into text box and send to display blank message |

## Feature: Admission Steps

#### Function ID: F4

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| **Testcase ID** | **Testing Scenario** |
| F4TC1 | Check display proper numbering of admission process steps. |
| F4TC2 | Check display improper numbering of admission process steps. |

## Feature: Admission Tracking

#### Function ID: F5

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| --- | --- |
| **Testcase ID** | **Testing Scenario** |
| F5TC1 | Check result to display filled round at steps are completed and empty round at steps are pending for admission process. |
| F5TC2 | Check result to display improper filled and empty round at random steps of admission process. |
| F5TC3 | Check result to display steps in proper order. |

## Feature: Online Payment

#### Function ID: F6

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| --- | --- |
| **Testcase ID** | **Testing Scenario** |
| F6TC1 | Check what happens if payment gateway stops responding during payment. |
| F6TC2 | During the payment process check what happens if the session ends.. |
| F6TC3 | Check what happens if payment process fails. |
| F6TC4 | Check on successful payment, a success code is sent to the application and a confirmation page is shown to the user. |
| F6TC5 | After successful transaction check if the payment gateway returns to your application |
| F6TC6 | Check on successful payment, a OTP is sent to the application and a confirmation page is shown to the user |

## Feature: Online Payment

#### Function ID: F7

|  |  |
| --- | --- |
| **Testcase ID** | **Testing Scenario** |
| F7TC1 | Verify that once the examination begins a timer gets started based on the test duration. |
| F7TC2 | Verify that for each question user is presented with an option for multiple-choice questions(MCQ) type questions. |
| F7TC3 | Verify that the user can chose single(radio button) or multiple(checkbox) option based on the type of questions. |
| F7TC4 | Verify that once all the questions are answered or passed user can end the test. |
| F7TC5 | Verify that if the time duration for the test gets reached the test automatically ends. |
| F7TC6 | Verify that on evaluation user is presented with Pass/Fail status along with Marks s, questions attempted etc. |