**Unit Test**

**//** **User controller**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC001 | | | |
| **Test Title:** | | login(Username : String, Password: String) | | | |
| **Test Description:** | | Checking the register user can login to the system which username and passwords in database. | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | The user is on the login page | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T001-001 | The system has action by the register user | | The system display the home page | The system display the home page | Pass |

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| **Test Case ID:** | | TC002 | | | |
| **Test Title:** | | register(Email : String, Username : String, Password : String, Birthday : Date) | | | |
| **Test Description:** | | Checking the unregister user can register to the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | The user is on the registration page | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T002-001 | The system has action by the unregister user | | The system automatic login and display the home page | The system automatic login and display the home page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC003 | | | |
| **Test Title:** | | addUser(admin : Admin) | | | |
| **Test Description:** | | Checking the admin can add the monk to the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Input Data:** | |  | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T003-001 | The system has action by the admin | | The system display the monk which added by admin | The system display the monk which added by admin | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC004 | | | |
| **Test Title:** | | deleteAccount(admin : Admin) | | | |
| **Test Description:** | | Checking the admin can delete the user from the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T004-001 | The system has action by the admin | | The user disappear from the system | The user disappear from the system | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC005 | | | |
| **Test Title:** | | Public history(){} | | | |
| **Test Description:** | | Checking action result when the user click to view history page | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | The user click the history button on menu bar | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T005-001 | The system has action by the user | | The system display history page | The system display history page | Pass |

**//** **History controller**

**//** **Event controller**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC006 | | | |
| **Test Title:** | | Public Event(){} | | | |
| **Test Description:** | | Checking action result when the user click to view event page | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | The user click the event button on menu bar | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T006-001 | The system has action by the user | | The system display event page | The system display event page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC007 | | | |
| **Test Title:** | | addEvent(Name : String, PhotoLocation : String, Description : String) | | | |
| **Test Description:** | | Checking the admin can add a new event to the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T007-001 | The system has action by the admin | | The system display the new event on the event page | The system display the new event on the event page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC008 | | | |
| **Test Title:** | | deleteEvent(event : Event) | | | |
| **Test Description:** | | Checking the admin can delete the event from the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T008-001 | The system has action by the admin | | The event disappear from the event page | The event disappear from the event page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC009 | | | |
| **Test Title:** | | editEvent(event : Event) | | | |
| **Test Description:** | | Checking the admin can edit the event in the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T009-001 | The system has action by the admin | | The system update and display the event which edited on the event page | The system update and display the event which edited on the event page | Pass |

**//** **Tale controller**

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC010 | | | |
| **Test Title:** | | Public Tale(){} | | | |
| **Test Description:** | | Checking action result when the user click to view tale page | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | The user click the tale button on menu bar | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T010-001 | The system has action by the user | | The system display Tale page | The system display Tale page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC011 | | | |
| **Test Title:** | | addTale(Name : String, PhotoLocation : String, Description : String) | | | |
| **Test Description:** | | Checking the admin can add a new tale to the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T011-001 | The system has action by the admin | | The system display the new tale on the tale page | The system display the new tale on the tale page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC012 | | | |
| **Test Title:** | | deleteTale(tale : Tale) | | | |
| **Test Description:** | | Checking the admin can delete the tale from the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T012-001 | The system has action by the admin | | The tale disappear from the tale page | The tale disappear from the tale page | Pass |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC013 | | | |
| **Test Title:** | | editTale(tale : Tale) | | | |
| **Test Description:** | | Checking the admin can edit the tale in the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T013-001 | The system has action by the admin | | The system update and display the tale which edited on the tale page | The system update and display the tale which edited on the tale page | Pass |

**//** **QA controller**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC014 | | | |
| **Test Title:** | | Public QA(){} | | | |
| **Test Description:** | | Checking action result when the user click to view QA page | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | The user click the tale button on menu bar | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T014-001 | The system has action by the user | | The system display QA page | The system display QA page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC015 | | | |
| **Test Title:** | | addQuestion (Title : String, question : String) | | | |
| **Test Description:** | | Checking the register user can add a new question to the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The register user have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T015-001 | The system has action by the register user | | The system display the question on the QA page | The system display the question on the QA page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC016 | | | |
| **Test Title:** | | addAnswer(answer : String) | | | |
| **Test Description:** | | Checking the monk can answer the question on QA page | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The monk have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T016-001 | The system has action by the monk | | The system display the answer of each question on the QA page | The system display the answer of each question on the QA page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC017 | | | |
| **Test Title:** | | deleteQuestion(question : Question) | | | |
| **Test Description:** | | Checking the admin can delete the question from the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T017-001 | The system has action by the admin | | The question disappear from the QA page | The question disappear from the QA page | Pass |

**//** **Activity controller**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC018 | | | |
| **Test Title:** | | calendarList() | | | |
| **Test Description:** | | Checking the calendar is display, aren’t it | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T018-001 | The system has action by the admin | | The system display the calendar on the activity page | The system display the calendar on the activity page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC019 | | | |
| **Test Title:** | | addActivity(Name : String, PhotoLocation : String, Description : String) | | | |
| **Test Description:** | | Checking the admin can add a new activities to the calendar | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T019-001 | The system has action by the admin | | The system display the new activities on the calendar on the activity page | The system display the new activities on the calendar on the activity page | Pass |

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| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC020 | | | |
| **Test Title:** | | deleteActivity(activity : Activity) | | | |
| **Test Description:** | | Checking the admin can delete the activity from the calendar | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T020-001 | The system has action by the admin | | The activity disappear from the calendar page | The activity disappear from the calendar page | Pass |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC021 | | | |
| **Test Title:** | | editActivity( activity : Activity ) | | | |
| **Test Description:** | | Checking the admin can edit the activity in the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T021-001 | The system has action by the admin | | The system update and display the new activity which edited on the activity page | The system update and display the new activity which edited on the activity page | Pass |

**//** **Album controller**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC022 | | | |
| **Test Title:** | | addAlbum(NameAlbum : String) | | | |
| **Test Description:** | | Checking the admin can add a new Album to the system | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T022-001 | The system has action by the admin | | The system display the new album on the album page | The system display the new album on the album page | Pass |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID:** | | TC023 | | | |
| **Test Title:** | | addPhoto(PhotoLocation : String) | | | |
| **Test Description:** | | Checking the admin can add a new photo to the album | | | |
| **Test Level:** | | Unit Test | | | |
| **Precondition:** | | - The admin is on the admin page  - The admin have to login to the system first | | | |
| **Test By:** | | Kullawat | | | |
| **Test Date:** | | 18/5/2015 | | | |
| **Test ID:** | **Test Step:** | | **Expected Result:** | **Actual Result:** | **Status: (Pass/Fail)** |
| T023-001 | The system has action by the admin | | The system display the new photo on the album page | The system display the new photo on the album page | Pass |