**Acceptance Test**

**ATC-01:** Visitor can register to Wat Phra Singh Website via registration page.

**Description:** This test case is an acceptance testing for URS-02. Visitor can register to the Wat Phra Singh Website via the registration page by fill the required information into register form and submit to the system.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Register” button.

2. Fills all information into the registration form.

3. Select “Submit” button.

4. System validates all information.

5. System adds information into the database.

**Test cases**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Description** | **Input** | | | | **Expected value** |
| **Username** | **Password** | **Display name** | **Email** |
| 1 | Fill all required field in the registration form with all correct value. | ABC | abc | User1 | abc@abcmail.com | -Visitor becomes member.  - System adds user information into database |
| 2 | Fill only some required field in the registration form | ABC | - | User1 | - | - Error message show.  - Registration not success. |
| 3 | Fill the registration form with existing username | user | 123456 | User | punjasin@gmail.com | - Error message show.  - Registration not success. |

**ATC-02:** admin and member can log in to Wat Phra Singh Website via login form in homepage.

**Description:** This test case is an acceptance testing for URS-14. Admin and member can log in to the Wat Phra Singh website via login page by input username and password into log in form and submit to the system.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Open “home” page.

2. Input username and password.

3. Select “Submit” button.

4. System validates username and password.

5. System redirects to the homepage.

5.1 Redirect to the homepage of admin if the user logged in as an admin.

5.2 Redirect to the homepage of member if the user logged in as a member.

**Test cases**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Description** | **Input** | | **Expected value** |
| **Username** | **Password** |
| 1 | Logged in as an admin by input username = “admin” and password = “123456” into login form. | admin | 123456 | - Redirect to homepage for admin. |
| 2 | Logged in as a member by input username = “user” and password = “123456” into login form. | user | 123456 | - Redirect to homepage for member. |
| 3 | Input incorrect username = “admin” and correct password = “1112” into login form. | admin | 1112 | - Error message show.  - Refresh login page. |
| 4 | Input correct username = “userr” and incorrect password = “123” into login form. | userr | 123 | - Error message show.  - Refresh login page. |
| 5 | Input incorrect username = “test” and incorrect password = “1234” into login form. | test11 | 1111 | - Error message show.  - Refresh login |
| 6 | Not input username and password into login form. | - | - | - Error message show.  - Refresh login page. |
| 7 | Input only username = “admin” into login form. | admin | - | - Error message show.  - Refresh login page. |
| 8 | Input only password = “123456” into login form. | - | 123456 | - Error message show.  - Refresh login page. |

**ATC-03:** Visitor, Member, and Admin can switch website language between Thai and English language.

**Description:** This test case is an acceptance testing for URS-03. Visitor, Member, and admin can switch website language between Thai and English language via home page by select the language option button on the top right of the page.

**Test step**

1. Open “home” page.

2. Select “EN” or “TH” button.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select “EN” button. | EN button | - Display the English version. |
| 2 | Select “TH” button. | TH button | - Display the Thai version. |
| 3 | Don’t select any language. | - | - Display the English version. |

**ATC-04:** Visitor, Member, and Admin can view the activities of the temple.

**Description:** This test case is an acceptance testing for URS-04. Visitor, Member, and Admin can view all activities of the temple via activities announcement page by select “Activities” link on the menu bar.

**Test step**

1. Select “Activities” link on menu bar.

2. System displays all activities of Wat Phra Singh with the picture on the activities announcement page.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select “activities” link. | activity link | - Display contact detail in English. |
| 2 | Select the “กิจกรรม” link. | “กิจกรรม” link | - Display contact detail in Thai. |

**ATC-05:** Visitor, Member, and Admin can view the detail of selected activity.

**Description:** This test case is an acceptance testing for URS-05. Visitor, Member, and Admin can view the detail of selected activity by select the activity on the activities announcement page.

**Test step**

1. Select “Activities” link on menu bar.

2. System displays all activities of Wat Phra Singh with the picture on the activities announcement page.

3. Select the activity name link.

4. System display the detail of selected activity.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select the activity name link in English language. | “Bai sri su khwan” link | - Display activity detail in English. |
| 2 | Select the activity name link in Thai language. | “บายศรีสู่ขวัญ” link | - Display activity detail in Thai. |

**ATC-06:** Visitor, Member, and Admin can view history of the temple.

**Description:** This test case is an acceptance testing for URS-07. Visitor, Member, and Admin can view history of the temple via history page by select “History” link on the menu bar.

**Test step**

1. Select “History” link on menu bar.

2. System displays history of Wat Phra Singh with the picture on the history page.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select history link. | “history” link | - Display history detail in English. |
| 2 | Select ประวัติ link. | “ประวัติ” link | - Display history detail in English. |

**ATC-07:** Visitor, Member, and Admin can view the gallery of the temple.

**Description:** This test case is an acceptance testing for URS-08. Visitor, Member, and Admin can view gallery of the temple which contain picture of the activity via gallery page by select “Gallery” link on the menu bar.

**Test step**

1. Select “Gallery” link on menu bar.

2. System displays albums of Wat Phra Singh.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select gallery link. | “gallery” link | - Display the gallery title in English.  - Display thumbnail picture of all albums. |
| 2 | Select แกลลอรี่ link. | “แกลลอรี่” link | - Display the gallery title in Thai.  - Display thumbnail picture of all albums. |

**ATC-08:** Visitor, Member, and Admin can view all pictures in the selected album.

**Description:** This test case is an acceptance testing for URS-09. Visitor, Member, and Admin can view all pictures in the album by select the album in the Gallery page.

**Test step**

1. Select “Gallery” link on menu bar.

2. System displays albums of Wat Phra Singh.

3. Select the album in the Gallery page.

4. System display pictures that contain in the album.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select album in English version. | “Bai sri su khwan” album name link | - Display thumbnail pictures that contain in the album. |
| 2 | Select album in Thai version. | “บายศรีสู่ขวัญ” album name link | - Display thumbnail pictures that contain in the album. |

**ATC-09:** Visitor, Member, and Admin can view the larger size of selected picture.

**Description:** This test case is an acceptance testing for URS-10. Visitor, Member, and Admin can view the larger size of selected picture by select the picture on the Gallery page.

**Test step**

1. Select “Gallery” link on menu bar.

2. System displays albums of Wat Phra Singh.

3. Select the album in the Gallery page.

4. System display pictures that contain in the album.

5. System displays the larger size of the selected picture.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select picture in English version. | Picture link | - Display larger size of the selected picture. |
| 2 | Select picture in Thai version. | Picture link | - Display larger size of the selected picture. |

**ATC-10**: admin and member can log out from Wat Phra Singh Website.

**Description:** This test case is an acceptance testing for URS-15. Admin and member cans log out from the Wat Phra Singh website by selecting a log out button.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “log out” button.

2. Confirms log out.

3. System redirects to the homepage for visitor.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Selects log out button | Log out button | - Status of admin or member becomes visitor.  - Redirect to homepage for visitor. |
| 2 | Selects “ออกจากระบบ” button | Log out button | - Status of admin or member becomes visitor.  - Redirect to homepage for visitor. |

**ATC-11:** Visitor, Member and Admin can view the Wat Phra Singh contact detail which display a place, phone number, and operating date and time on the contact page of Wat Phra Singh Website.

**Description:** This test case is an acceptance testing for URS-11. Visitor, Member, and Admin can view the contact page. The system will provide contact detail for user by display in the contact page.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Contact” link on menu bar.

2. System displays a contact detail of Wat Phra Singh on the contact page.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select contact link. | contact link | - Display contact detail in English. |
| 2 | Seelct “ติดต่อ” link. | “ติดต่อ” link | - Display contact detail in Thai. |

**ATC-12:** Visitor, Member and Admin can view the map which display a route from user to Wat Phra Singh on the map page of Wat Phra Singh Website.

**Description:** This test case is an acceptance testing for URS-12. Visitor, Member, and Admin can view the map page. The system will provide route from user location to Wat Phra Singh then display in the map.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Map” menu bar.

2. System displays a route from user to Wat Phra Singh on the map.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select map link. | map link | - Display map. |
| 2 | Select “แผนที่” link. | “แผนที่” link | - Display map. |

**ATC-13:** Visitor, Member and Admin can redirect to the temple’s Facebook fan page.

**Description:** This test case is an acceptance testing for URS-13. Visitor, Member and Admin can redirect to the temple’s Facebook fan page by selecting a Facebook menu bar.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Facebook” menu bar.

2. System redirects to the Facebook page of Wat Phra Singh.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Select Facebook icon link. | Facebook icon link. | - Display Wat Phra Singh Temple Facebook Fan page. |

**ATC-14:** Member can send the Dharma question via Q&A page.

**Description:** This test case is an acceptance testing for URS-16. Member can send the Dharma question. The user must fill in question form in the Q&A page then system will send the question to question table in database.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Open “Q&A” page.

4. Input question into question form then select “Submit” button.

6. System sends the question to question table in database.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Fills all required field in the question form with all correct value in English. | “Question1” | - System add the question in database. |
| 2 | Fills all required field in the question form with all correct value in Thai. | “คำถาม1” | - System add the question in database. |
| 3 | Does not fills required field in the question form. | - | - Error message show.  - The question cannot be sent. Member is in the Question page until complete to fill the form. |

**ATC-15:** Visitor,member, and Admin can view Dharma question and answer in Wat Phra Singh Website in the Q&A page.

**Description:** This test case is an acceptance testing for URS-06 and URS-21. Visitor, member and admin cans view Dharma question and answer in the Wat Phra Singh by select ‘Q&A’ on menu bar, then system will display list of Dhrama question and answer on Q&A page.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Q&A” on menu bar.

2. System display all Dharma question and answer from the database.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Visitor select Q&A link. | Q&A in English | - Display Question and answer in English. |
| 2 | Visitor select “ปุจฉา-วิสัชนา” link. | “ปุจฉา-วิสัชนา” link | - Display Question and answer in Thai. |
| 3 | Member select Q&A link. | Q&A in English | - Display Question and answer in English.  - Display the question form and submit button. |
| 4 | Member select “ปุจฉา-วิสัชนา” link. | “ปุจฉา-วิสัชนา” link | - Display Question and answer in Thai.  - Display the question form and submit button. |
| 5 | Admin select Q&A link. | Q&A in English | - Display Question and answer in English.  - Display the question form and submit button.  - Display unanswered question. |
| 6 | Admin select “ปุจฉา-วิสัชนา” link. | “ปุจฉา-วิสัชนา” link | - Display Question and answer in Thai.  - Display the question form and submit button.  - Display unanswered question. |

**ATC-16:** Member can receive the notification email about the new activity from the temple via the registered email.

**Description:** This test case is an acceptance testing for URS-17 .Member can receive the notification about the new activity from the temple via the registered email. The system will generate message up to type of notification then send to the user.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Admin update activity.

2. System generates the message and sends to the member via registered email.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Admin add the new activity. | new activity | - System send the new activity notification to the registered email of member. |

**ATC-17:** Admin can add the temple’s activities in the update activities page.

**Description:** This test case is an acceptance testing for URS-18. Admin can add new temple’s activities via the add activity page by fill the require information into activity form and submit to the system.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Activity” on menu bar.

2. Select “Add” button.

3. System displays add activity page.

4. Input all information require into activity form.

5. Select “Submit” button.

6. System add new activity to the database.

7. System shall redirect to the “Activities” page.

**Test cases**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Description** | **Input** | | | | **Expected value** |
| **Name** | **Description** | **Date** | **Venue** |
| 1 | Admin fills all required field in the add new activity form with all correct value. | Activity 1 | Description of Activity 1 | 20/5/2015 | Wat 1 | - System adds the new activity into database |
| 2 | Admin fills only some required field in the add new activity form | Activity 1 | Description of Activity 1 | - | - | - Error message show.  - The new activity addition is not success. |
| 3 | Admin fills the add new activity form with existing username | บายศรีสู่ขวัญ | งานบายศรีสู่ขวัญ กุฏิพระหอคำแปง สีหฬารามสามิกวัดพระสิงห์หลวง | 25/6/2015 | กุฏิพระหอคำแปง สีหฬารามสามิกวัดพระสิงห์หลวง | - Error message show.  - The new activity addition is not success. |

**ATC-18:** Admin can edit activities in Wat Phra Singh Website via edit activity page.

**Description:** This test case is an acceptance testing for URS-19. Admin can edit activities in the Wat Phra Singh Website by select edit activity button. System will retrieve an activity’s information form database and let admin modify it.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Activity” on menu bar.

2. Select “Edit” button.

3. System displays activity’s information in edit activity form.

4. Edits information and submits form.

5. System validates all information.

6. System updates information in the database.

7. System shall redirect to the “Activities” page.

**Test cases**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Description** | **Input** | | | | **Expected value** |
| **Name** | **Description** | **Date** | **Venue** |
| 1 | Admin fills all required field in the edit activity form with all correct value in English. | Edit activity 1 | Edit description of Activity 1 | 20/5/2015 | Wat 1 | - System update the edited activity into database |
| 2 | Admin fills only some required field in the add new activity form in English. | Edit activity 1 | Edit description of Activity 1 | - | - | - Error message show.  - The activity update is not success. |
| 3 | Admin fills all required field in the edit activity form with all correct value in Thai. | แก้ไขบายศรีสู่ขวัญ | แก้ไขงานบายศรีสู่ขวัญ กุฏิพระหอคำแปง สีหฬารามสามิกวัดพระสิงห์หลวง | 25/6/2015 | แก้ไขกุฏิพระหอคำแปง สีหฬารามสามิกวัดพระสิงห์หลวง | - System update the edited activity into database |
| 4 | Admin fills only some required field in the add new activity form in English. | แก้ไขบายศรีสู่ขวัญ | - | - | แก้ไขกุฏิพระหอคำแปง สีหฬารามสามิกวัดพระสิงห์หลวง | - System update the edited activity into database |

**ATC-19:** Admin can delete activities in Wat Phra Singh Website.

**Description:** This test case is an acceptance testing for URS-20. Admin can delete activity in the Wat Phra Singh Website by select delete activity button. System delete an activity from database.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Activity” on menu bar.

2. Select “Delete” button.

3. System delete activity from the database.

4. System shall redirect to the “Activities” page.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Admin selects the activity which contains the following object  {“Activity 1”, “Description of Activity 1”,“20/5/2015”, “Wat 1”} | Select delete button. | - The object {“Activity 1”, “Description of Activity 1”,“20/5/2015”, “Wat 1”} deleted from the database. |

**ATC-20:** Admin can answer the Dharma question in the QA page.

**Description:** This test case is an acceptance testing for URS-22. Admin can add answer for unanswered Dharma question via the QA page by fill the answer form and submit to the system.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “Q&A” on menu bar.

3. System displays question with answer, and unanswered question.

4. Input answer into answer form then select “Submit” button.

5. System add new activity to the database.

7. System shall add answer into database.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Admin fills the answer in answer form in English. | “Answer question1” | - System add the answer in database.  - System shall enable Visitor and Member to see the question and answer in English. |
| 2 | Admin fills the answer in answer form in English. | “ตอบคำถาม 1” | - System add the answer in database.  - System shall enable Visitor and Member to see the question and answer in Thai. |
| 3 | Admin does not fills answer in the answer form. | - | - Error message show.  - The question shall disable to see by Visitor and Member. |

**ATC-21:** Admin can edit the history of the temple.

**Description:** This test case is an acceptance testing for URS-24. Admin can edit history in the Wat Phra Singh Website by select edit button. System will retrieve an activity’s information form database and let admin modify it.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Select “History” on menu bar.

2. Select “Edit” button.

3. System displays activity’s information in edit activity form.

4. Edits information and submits form.

5. System validates all information.

6. System updates information in the database.

7. System shall redirect to the “History” page.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Admin selects to edit history in English that contains the following object  {“The temple houses an important Buddha statue: the Phra Buddha Sihing which gives the temple its name. The origins of this statue are unknown but, according to legend, it was based on the lion of Shakya, a statue since lost which used to be housed in the Mahabodhi Temple of Bodh Gaya (India). The Phra Buddha Sihing statue is supposed to have been brought, via Ceylon (present day Sri Lanka), to Ligor (present day Nakhon Si Thammarat and from there, via Ayutthaya, to Chiang Mai.”  } | Select edit button. | - The object {“There are two more Buddha statues in Thailand which are claimed to be the Phra Buddha Sihing: one is housed in Wat Phra Mahathat in the city of Nakhon Si Thammarat and another in the Bangkok National Museum.It is alleged that the head of the statue had been stolen in 1922. The possibility remains that the present statue (or maybe only the head) is a copy.”} is updated from the database. |
| 2 | Admin selects to edit history in Thai that contains the following object {วัดพระสิงห์วรมหาวิหาร ได้รับการประกาศเป็นโบราณสถานสำหรับชาติ ตามประกาศในราชกิจจานุเบกษา เล่ม 52 ตอนที่ 0ง วันที่ 8 มีนาคม 2478 พร้อมกับวัดอีกหลายแห่งในจังหวัดเชียงใหม่} | Select edit button. | - The object {พญาผายู กษัตริย์เชียงใหม่ราชวงศ์มังราย โปรดเกล้าฯ ให้สร้างขึ้นในปี พ.ศ. 1888 ขั้นแรกให้ก่อสร้างเจดีย์สูง 23 วา เพื่อบรรจุพระอัฐิของพญาคำฟู พระราชบิดา ต่อมาอีก 2 ปี จึงได้สร้างพระอาราม เสนาสนวิหาร ศาลาการเปรียญ หอไตร และกุฏิสงฆ์ เมื่อเสร็จเรียบร้อย ทรงตั้งชื่อว่า "วัดลีเชียงพระ" สมัยพระเจ้าแสนเมืองมา ขึ้นครองนครเชียงใหม่ โปรดให้อัญเชิญพระพุทธสิหิงค์มาจากเมืองเชียงราย เมื่อขบวนช้างอัญเชิญมาถึง} is updated from the database. |
| 3 | Admin does not fill the edit history form | - | - Display error message.  - Cannot push submit button. |

**ATC-22:** Admin can delete the Dharma question in the Question page.

**Description:** This test case is an acceptance testing for URS-23. Admin can answer the Dharma question. The user must fill in answer form in the Q&A page then system will update the answer to questionAnswer table in database.

**Prerequisite or input required**

The test data is available at Appendix A.

**Test step**

1. Open “Q&A” page.

4. Input answer into answer form then select “Submit” button.

6. System updates the answer to questionAnswer table in database.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Admin fills the answer form with all correct value in English. | “Answer1” | - System add the answer into database. |
| 2 | Admin fills the answer form with all correct value in Thai. | “คำตอบ1” | - System add the answer into database. |
| 3 | Member does not fills the answer form. | - | - Error message show.  - The answer cannot be updated. Admin is in the Q&A page until complete to fill the answer form. |

**ATC-23:** Visitor, Member, and Admin can view the home page of the website.

**Description:** This test case is an acceptance testing for URS-01. Visitor, Member, and Admin can view the home page of the website by select “Wat Phra Singh” link on the menu bar.

**Test step**

1. Select “Wat Phra Singh” link on menu bar.

2. System displays the home page.

**Test cases**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **Input** | **Expected value** |
|
| 1 | Visitor, Member, and Admin can view the home page. | Wat Phra Singh link | - Display home page in English. |
| 2 | Visitor, Member, and Admin can view the home page. | วัดพระสิงห์วรมหาวิหาร link | - Display home page in Thai. |