**Traceability Matrix**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **No.** | **URS ID** | **URS** | **SRS ID** | **Unit Test** | **Integration test** | **ATC** | **UTC** |
| 1 | 01 | Visitor, Member, and Admin can view the home page of the website. | 01- 04 | 01 | 01 | 01 | 01,10,21 |
| 2 | 02 | Visitor can register to be a member of the Wat Pra Singh web site. | 01, 05-30 | 02 | 02 | 01 | 9 |
| 3 | 03 | Visitor, Member, and Admin can switch website language between Thai and English language. | 01,31,32 | 03 | 03 | 03 | 01,10,21 |
| 4 | 04 | Visitor, Member, and Admin can view the activities announcement page. | 01,02,33,34,35 | 04 | 04 | 04 | 2,12,23 |
| 5 | 05 | Visitor, Member, and Admin can view the detail of selected activity. | 02,36,37 | 05 | 05 | 05 | 2,12,23 |
| 6 | 06 | Visitor, Member and Admin can view the Q&A page. | 01,02,38,39 | 06 | 06 | 15 | 5,10,30 |
| 7 | 07 | Visitor, Member, and Admin can view the temple’s history page. | 01,02,40,41 | 07 | 07 | 06 | 4,14,28 |
| 8 | 08 | Visitor, Member, and Admin can view the gallery page. | 01,02,42,43,44 | 08 | 08 | 07 | 3,13,27 |
| 9 | 09 | Visitor, Member, and Admin can view pictures of selected album. | 02,45 | 09 | 09 | 08 | 3,13,27 |
| 10 | 10 | Visitor, Member, and Admin can view the larger size of selected picture. | 46 | 10 | 10 | 09 | 3,13,27 |
| 11 | 11 | Visitor, Member, and Admin can view the contact page. | 01,02,47,48 | 11 | 11 | 11 | 6,17,33 |
| 12 | 12 | Visitor, Member, and Admin can view the map page. | 02,49,50,51,52 | 12 | 12 | 12 | 7,18,34 |
| 13 | 13 | Visitor, Member, and Admin can redirect to the temple’s Facebook fan page. | 02,53 | 13 | 13 | 13 | 8,19,35 |
| 14 | 14 | Member and Admin can login to the Wat Pra Singh web site. | 01,54-61 | 14 | 14 | 02 | 11,22 |
| 15 | 15 | Member and Admin can log out from the Wat Pra Singh web site. | 60,62,63 | 15 | 15 | 10 | 20,36 |
| 16 | 16 | Member can send the Dharma question. | 03,64-67 | 16 | 16 | 14 | 16 |
| 17 | 17 | Member can receive the activity news from the temple via the registered email. | 68 | 17 | 17 | 16 |  |
| 18 | 18 | Admin can add the temple’s activities in the update activities page. | 69-73 | 18 | 18 | 17 |  |
| 19 | 19 | Admin can edit the temple’s activities in the update activities page. | 70,73-78 | 19 | 19 | 18 |  |
| 20 | 20 | Admin can delete the temple’s activities in the update activities page. | 73,79-82 | 20 | 20 | 19 |  |
| 21 | 21 | Admins can view unanswered Dharma question. | 01,02,36,83 | 21 | 21 | 15 |  |
| 22 | 22 | Admin can answer the Dharma question in the Question page. | 84-88 | 22 | 22 | 20 |  |
| 23 | 23 | Admin can delete the Dharma question in the Question page. | 82,88-91 | 23 | 23 | 23 |  |
| 24 | 24 | Admin can edit the temple’s history page. | 77,78,92-99 | 24 | 24 | 21 |  |