**Unit Test**

**Project Name : Wat Duang Dee**

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| Test Case ID : TC0101 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : History menu |
| Test Title : display history page | | Description : Check response of the system when user click on “history” menu |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : guest, member, admin | | |
| Step | Test Steps | |
| 1 | Open Watduangdee.com | |
| 2 | Request to view history of the temple by click “history” menu | |
| 3 | The system receive request from user | |
| Expected Result | | Actual Result |
| Web page must link to the history page and show history of the temple | | Web page link to the history page and show history of the temple |
| Post-Conditions : the system display history of the temple | | |

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| Test Case ID : TC0102 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : Activity menu |
| Test Title : request of activity page | | Description : Check response of the system when user click on “activity” menu |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : guest, member, admin | | |
| Step | Test Steps | |
| 1 | Open Watduangdee.com | |
| 2 | Request to view activities of the temple by click “activity” menu | |
| 3 | The system receive request from user | |
| Expected Result | | Actual Result |
| Web page must link to the history page and show calendar of activities of the temple | | Web page link to the history page and show calendar of activities of the temple |
| Post-Conditions : User can see calendar of activities of the temple | | |

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| Test Case ID : TC0103 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :Activity menu |
| Test Title : automatically e-mail system | | Description : Check response of automatic e-mail notification system when new activities are added |
| Time Estimation : 00:15 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Admin already added new activities into the website  - Roles Simulated : member, admin | | |
| Step | Test Steps | |
| 1 | Admin add new activities into the website | |
| 2 | The system record the new activity to database | |
| 3 | Log-in a member e-mail account | |
| 4 | Check whether receive an e-mail from the website | |
| Expected Result | | Actual Result |
| The system must sent e-mail to make notification for user about the activity | | The system sent e-mail to make notification for user about the activity |
| Post-Conditions : member receive activity update via e-mail | | |

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| Test Case ID : TC0104 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :Avtivity menu |
| Test Title : add activity | | Description : Check result in activity page when admin add activity to Google calendar |
| Time Estimation : 00:20 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - pug-in Google calendar into the system  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open Google Calendar application | |
| 2 | Request add new activity to the calendar | |
| 3 | Submit detail including date, time, and place to the calendar | |
| 4 | That activity be shown in Google calendar | |
| Expected Result | | Actual Result |
| The updated activity calendar must be shown in the activity page | | The updated activity calendar be shown in the activity page |
| Post-Conditions : admin can add new activity | | |

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| Test Case ID : TC0105 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : |
| Test Title : activity editon | | Description : Check result in activity page when admin edit activity in Google calendar |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - plug-in Google calendar into the system  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open Google Calendar application | |
| 2 | Request edit activity to the calendar | |
| 3 | Submit new detail including date, time, or place to the calendar | |
| 4 | That updated activity be shown in Google calendar | |
| Expected Result | | Actual Result |
| The updated activity calendar must be shown in the activity page | | The updated activity calendar be shown in the activity page |
| Post-Conditions : admin has successful for edit activity | | |

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| Test Case ID : TC0106 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :activity menu |
| Test Title : activity deletion | | Description : Check result in activity page when admin delete activity in Google calendar |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - pug-in Google calendar into the system  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open Google Calendar application | |
| 2 | Request delete activity from the calendar | |
| 3 | Choose an activity to delete and confirm the deletion | |
| 4 | That deleted activity be removed from Google calendar | |
| Expected Result | | Actual Result |
| The updated activity calendar must be remove from activity calendar in activity page | | The updated activity calendar will be remove from activity calendar in activity page |
| Post-Conditions : User cannot see that activity anymore | | |

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| Test Case ID : TC0107 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : Gallery menu |
| Test Title : response of gallery page | | Description : Check response of the system when user click on “gallery” menu |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - User already stay on a page of the website  - Roles Simulated : guest, member, admin | | |
| Step | Test Steps | |
| 1 | Open Watduangdee.com | |
| 2 | Request to view activities of the temple by click “gallery” menu | |
| 3 | The system receive request from user | |
| Expected Result | | Actual Result |
| Web page must link to the gallery page and show pictures in the gallery page | | Web page link to the gallery page and show pictures in the gallery page |
| Post-Conditions : User can see pictures of the temple | | |

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| Test Case ID : TC0108 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :gallery |
| Test Title : request to add picture | | Description : Check response when admin request to in add new picture to the gallery |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Open gallery page | |
| 3 | Request to add new picture to the gallery by click “add picture” bottom | |
| 4 | The system receive request from user to add a picture into the gallery | |
| Expected Result | | Actual Result |
| The system must provide interface for admin to add new picture. | | The system provide interface for admin to add new picture. |
| Post-Conditions : admin can add new picture into the gallery | | |

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| Test Case ID : TC0109 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :gallery |
| Test Title : add picture | | Description : Check result when admin add new picture to the gallery |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Admin are already in interface to add new picture  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Open gallery page | |
| 3 | Request to add new picture to the gallery by click “add picture” bottom | |
| 4 | The system receive request from user to add a picture into the gallery | |
| Expected Result | | Actual Result |
| The picture must be added to the gallery and show in gallery page. | | The picture was be added to the gallery and show in gallery page. |
| Post-Conditions : admin can add new picture into the gallery | | |

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| Test Case ID : TC0110 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :contact |
| Test Title : display contact | | Description : Check result when user click on “contact” menu |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Roles Simulated : admin, member, guest | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Request to see contact information by click “add picture” bottom | |
| 3 | The system receive request from user | |
| Expected Result | | Actual Result |
| The contact information and location on Google map must be shown in contact page | | The contact information and location on Google map be shown in contact page |
| Post-Conditions : users can see contact information | | |

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| Test Case ID : TC0111 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :Social link |
| Test Title : Facebook linkage | | Description : Check result when user click on Facebook logo bottom |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Roles Simulated : admin, member, guest | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Request to see contact information by click Facebook logo bottom | |
| 3 | The system receive request from user | |
| Expected Result | | Actual Result |
| The current page immediately changed to be a Facebook fan page of the temple | | The current page immediately changed to be a Facebook fan page of the temple |
| Post-Conditions : users can see contact information | | |

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| Test Case ID : TC0112 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :QA forum |
| Test Title : add question | | Description : Check result when member add new question in the QA forum |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Roles Simulated : member | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Open QA forum | |
| 3 | Add new question in the text field | |
| 4 | Submit the question | |
| Expected Result | | Actual Result |
| The new question must be shown in the forum | | The new question be shown in the forum |
| Post-Conditions : admin can add new picture into the gallery | | |

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| Test Case ID : TC0113 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :QA forum |
| Test Title : answer question | | Description : Check result when admin answer member’s question. |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - There is some question in the forum  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Open QA forum | |
| 3 | Click on the question that admin want to answer | |
| 4 | Input the answer in text filed | |
| 5 | Click submit the answer | |
| Expected Result | | Actual Result |
| The answer must be shown under the question that posted by member. | | The answer be shown under the question that posted by member. |
| Post-Conditions : member can get the answer from question | | |

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| Test Case ID : TC0114 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :QA forum |
| Test Title : delete post | | Description : Check result when admin delete the user’s post in QA forum |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - There some post that posted by user in the QA forum  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Open QA forum | |
| 3 | Click at “delete” icon | |
| 4 | The system provide confirmation popup box | |
| 5 | Click “ok” to confirm the deletion | |
| Expected Result | | Actual Result |
| The post must be removed | | The post was removed |
| Post-Conditions : User cannot see that post anymore | | |

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| Test Case ID : TC0115 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : QA forum |
| Test Title : request to edit answer | | Description : Check response of the system when admin request to edit answer of the post that posted by user |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Admin already answer at least one answer in that question  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open Watduangdee.com | |
| 2 | Open QA forum | |
| 3 | Click “edit” icon on the question that admin want to edit the answer. | |
| 4 | The system receive the request to edit the answer in that post | |
| Expected Result | | Actual Result |
| The system must provide interface for admin to edit the answer | | The system provide interface for admin to edit the answer |
| Post-Conditions : Admin can edit the answer | | |

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| Test Case ID : TC0116 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : QA forum |
| Test Title : edit answer | | Description : Check result of the system when admin edit answer that posted by user |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Admin already answer at least one answer in that question  - Roles Simulated : admin | | |
| Step | Test Steps | |
| 1 | Open Watduangdee.com | |
| 2 | Open QA forum | |
| 3 | Choose the question that admin want to edit the answer by click on that post. | |
| 4 | Edit the answer by changing text in text field | |
| 5 | Click submit | |
| Expected Result | | Actual Result |
| The answer that admin edit will be changed | | The answer that admin edit be changed |
| Post-Conditions : The answer was updated | | |

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| Test Case ID : TC0117 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : Register system |
| Test Title : request to register | | Description : Check response of the system when guest want to register to be a member of website |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : guest | | |
| Step | Test Steps | |
| 1 | Open Watduangdee.com | |
| 2 | Request to register to be member of website by click “register” bottom | |
| 3 | The system receive request to register | |
| Expected Result | | Actual Result |
| The system must provide interface for guest to input information for register | | The system provide interface for guest to input information for register |
| Post-Conditions : Guest can register to the system | | |

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| Test Case ID : TC0118 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : register system |
| Test Title : successful register | | Description: Check result of the system when guest register to be a member of website and they fill correct information in all field. |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - Guest is stay in the interface for register  - Roles Simulated : guest | | |
| Step | Test Steps | |
| 1 | Fill out the information in all required information text field | |
| 2 | Click “submit” to register | |
| 3 | The system receive user register | |
| Expected Result | | Actual Result |
| The system must show successful register message and user can access to the system as a member | | The system show successful register message and user can access to the system as a member |
| Post-Conditions : Guest has successful registration | | |

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| Test Case ID : TC0119 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : register system |
| Test Title : skip info for register | | Description : Check response of the system when guest skip to fill information in some text field |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : guest | | |
| Step | Test Steps | |
| 1 | Not fill out the information in all required information text field | |
| 2 | Click “submit” to register | |
| 3 | The system receive user register | |
| Expected Result | | Actual Result |
| The system must show warning message and unsuccessful register | | The system show warning message and unsuccessful register |
| Post-Conditions : Guest is not successful registration | | |

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| Test Case ID : TC0120 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : register system |
| Test Title : wrong format input | | Description : Check response of the system when guest input wrong format of information in text field |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : guest | | |
| Step | Test Steps | |
| 1 | Input wrong format of information in some information text field | |
| 2 | Click “submit” to register | |
| 3 | The system receive user register | |
| Expected Result | | Actual Result |
| The system must show warning message and unsuccessful register | | The system show warning message and unsuccessful register |
| Post-Conditions : Guest is not successful registration | | |

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| Test Case ID : TC0121 | | Test by : Tanawan |
| Test Priority : High | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : Log-in system |
| Test Title : valid log-in | | Description : Check result of the system when user input valid username and password |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : member,admin | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Input valid username and password | |
| 3 | Click “login” bottom | |
| 4 | The system receive request login of user | |
| Expected Result | | Actual Result |
| The system must let user to access into the system | | The system lets user to access into the system |
| Post-Conditions : User is successful in logging-in | | |

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| Test Case ID : TC0122 | | Test by : Tanawan |
| Test Priority : High | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name : Log-in system |
| Test Title : invalid log-in | | Description : Check result of the system when user input invalid username and password |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions    - Roles Simulated : member,admin | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Input invalid username and password | |
| 3 | Click “login” bottom | |
| 4 | The system receive request login of user | |
| Expected Result | | Actual Result |
| The system must show warning message and user cannot access into the system | | The system shows warning message and user cannot access into the system |
| Post-Conditions : User is not successful in logging-in | | |

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| Test Case ID : TC0123 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :Language |
| Test Title : Thai to English | | Description : Check result when user change the language from Thai to English |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - The website is currently in Thai  - Roles Simulated : admin, member, guest | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Request to change language from Thai to English by click at “EN” switch bottom | |
| 3 | The system receive request from user to add a picture into the gallery | |
| Expected Result | | Actual Result |
| The website must be changed immediately to English language | | The website is immediately change to English language |
| Post-Conditions : user can view content in the website in English language | | |

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| Test Case ID : TC0124 | | Test by : Tanawan |
| Test Priority : Medium | | Test date : 15/5/58 |
| Application : Wat Duang Dee Web Application | | Module Name :Language |
| Test Title : English to Thai | | Description : Check result when user change the language from English to Thai |
| Time Estimation : 00:10 (HH:MM) | | Test Level : Unit testing |
| Pre-Conditions  - The website is currently in English  - Roles Simulated : admin, member, guest | | |
| Step | Test Steps | |
| 1 | Open www.watduangdee.com | |
| 2 | Request to change language from Thai to English by click at “TH” switch bottom | |
| 3 | The system receive request from user to add a picture into the gallery | |
| Expected Result | | Actual Result |
| The website must be changed immediately to Thai language | | The website is immediately change to Thai language |
| Post-Conditions : user can view content in the website in English language | | |