**User Requirement Specification and System Requirement Specification**

**Visitor:**

**URS01: Visitor can register to be a member of Wat Pra Singh Website.**

SRS0: System shall provide register link for visitor on homepage.

SRS : System shall provide register page which contain username textbox, password text box, re-password text box, email text box, and submit button.

SRS0: System shall connect to the database.

SRS : System shall verify the input username format which allow only a-z, A-Z.

SRS : System shall verify the input username length which allow between 5 -10 characters.

SRS : System shall verify exist the input username with the database.

SRS : System shall hide character in password field.

SRS : System shall verify the input password format which allow only a-z, A-Z, 0-9.

SRS : System shall verify the input password length which allow between 6-12 characters .

SRS : System shall verify password and re-password matched.

SRS : System shall verify the input email format which allow email format (e.g. [xxx@abcmail.com](mailto:xxx@abcmail.com)).

SRS : System shall verify exist the input email with the database.

SRS: System shall record all information in the register page into the database.

SRS: System shall redirect visitor to the homepage after register complete.

SRS: System shall provide a success message “Register is succeeded”.

SRS : System shall provide an error message “Username is required. Please input username”.

SRS : System shall provide an error message “Password is required. Please input password”.

SRS : System shall provide an error message “Re-password is required. Please input Re-password”.

SRS : System shall provide an error message “Email is required. Please input Email”.

SRS : System shall provide an error message “Username is invalid. Please use only a-z, A-Z”.

SRS : System shall provide an error message “Username should be between 5-10 characters”.

SRS : System shall provide an error message “Username is existed”.

SRS : System shall provide an error message “Password is invalid. Please use only a-z, A-Z,0-9”.

SRS: System shall provide an error message “Password should be between 6-12 characters”.

SRS : System shall provide an error message “Password and re-password is not matched. Please try again”.

SRS : System shall provide an error message “Email is in wrong format. Please try again”.

SRS : System shall provide an error message “Email is existed”.

**URS02: Visitor can view the temple’s pictures in the home page of the website.**

SRS0: System shall connect to the database.

SRS0: System shall provide the user interface to display the home page with the menu bar.

SRS0: System shall provide slide show image to display the temple’s area.

**URS03: Visitor can switch website language between Thai and English language.**

SRS0: System shall connect to the database.

SRS0: System shall provide language button in every pages to switch the language of website between Thai and English.

**URS04: Visitor can view all activities in the activities announcement page.**

SRS0: System shall connect to the database.

SRS0: System shall provide the user interface to display the activities announcement page which contain menu bar.

SRS: System shall separate each activity into the form of list.

SRS: System shall provide link of each activity named by activity topic that arranged by date of activities for 10 latest topic.

**URS05: Visitor can view detail of each activity.**

SRS0: System shall provide the user interface to display the activities detail page which contain menu bar.  
SRS : System shall provide activity detail page which contain name of activity, picture, activity date, and activity information .

**URS06: Visitor can view the Dharma Question and answer in the Q&A page.**

SRS0: System shall connect to the database.   
SRS0: System shall provide the user interface to display Q&A page which contain the menu bar.

SRS: System shall separate each Dharma question with an answer into form of post arrange by the latest answer date.

**URS07: Visitor can view the temple’s history in the history page.**

SRS0: System shall connect to the database.  
SRS : System shall provide the user interface to display the history page which contain the menu bar.

SRS: System shall provide temple's history information.

**URS08: Visitor can view pictures of each activity in the gallery page.**

SRS0: System shall connect to the database.

SRS : System shall provide the user interface to display the gallery page which contain the menu bar.

SRS: System shall separate each album into a list of picture's album link.

SRS: System shall provide the thumbnail and the album’s name.

SRS : System shall provide user interface to display all pictures of the chosen activity album.

**URS09: Visitor can view the larger size of each activity picture.**

SRS : System shall provide user interface to display the larger size of chosen picture in the album.

**URS10: Visitor can view the contact page of the website.**

SRS0: System shall connect to the database.

SRS : System shall provide the user interface to display the contact page which contain the menu bar.

SRS: System shall provide the contact information which contain temple’s address, phone number, and email.

**URS11: Visitor can view the map that shows temple location.**

SRS : System shall provide the user interface to display the map page which contain the menu bar.

SRS: System shall provide a map interface from google map.

SRS-56: System shall retrieve the location of temple.

SRS : System shall pin point the temple location.

**URS12: Visitor can click to like Facebook fan page of temple.**

SRS: System shall provide the Facebook button on the menu bar.

SRS: System shall redirect to the Facebook fan page.

**Member:**

**URS13: Member can login as a member to the Wat Pra Singh website.**

**SRS:** System shall provide the login button on the home page.

**SRS:** System shall provide a login interface which contain username textbox, password text box, and submit button.

SRS0: System shall connect to the database.

SRS: System shall receive username and password from the user.

SRS: System shall verify username and password.

SRS: System shall provide a success message “login success”.

SRS: System shall provide the member’s feature after login.

SRS: System shall redirect to the home page after login complete.

SRS: System shall display error message “Username or password are not correct”.

**URS14: Member can logout from the Wat Pra Singh website.**

**SRS:** System shall provide the logout button on the menu bar after login complete.

SRS: System shall redirect to the home page after logout complete.

SRS: System shall disable member’s feature after logout complete.

**URS14: Member can receive the news from temple via the registered email.**

SRS: System shall able to send the activity announcement to user’s email.

**URS15: Member can send the Dharma question by inputting the question on question form.**

SRS0: System shall connect to the database.   
SRS0: System shall provide user interface to display the question form which contains question text box, and submit button.   
SRS0: System shall insert the Dharma question into the database.   
SRS0: System shall able send notification to the admin.  
SRS0: System shall provide success message “Your question was sent”.  
SRS0: System shall provide error message “The question characters must not longer than 200 characters”.  
SRS: System shall provide error message “Please fill in the Question”.

**URS02: Member can view the temple’s pictures in the home page of the website.**

**URS03: Member can switch website language between Thai and English language.**

**URS04: Member can view all activities in the activities announcement page.**

**URS05: Member can view detail of each activity.**

**URS06: Member can view the Dharma Question and answer in the Q&A page.**

**URS07: Member can view the temple’s history in the history page.**

**URS08: Member can view pictures of each activity in the gallery page.**

**URS09: Member can view the larger size of each activity picture.**

**URS10: Member can view the contact page of the website.**

**URS11: Member can view the map that shows the route from the current position to the temple.**

**URS12: Member can click to like Facebook fan page of temple.**

**Admin:**

**URS16: Admins can login to the website.**

**SRS:** System shall provide the login button on the home page.

**SRS:** System shall provide a login interface which contain username textbox, password text box, and submit button.

SRS0: System shall connect to the database.

SRS: System shall receive username and password from the user.

SRS: System shall verify username and password.

SRS: System shall provide a success message “login success”.

SRS: System shall provide the admin’s feature after login.

SRS: System shall redirect to the home page after login complete.

SRS: System shall display error message “Username or password are not correct”.

**URS17: Admins can add the temple’s pictures in the home page.**

URS18: Admins can delete the temple’s pictures in the home page.

URS19: Admins can add the temple’s activities in the update activities page.

URS20: Admins can edit the temple’s activities in the update activities page.

URS21: Admins can delete the temple’s activities in the update activities page.

URS22: Admins can view the incoming Dharma question in the Dharma Question page.

URS23: Admins can answer the Dharma question by inputting the answer in the answer form.

URS24: Admins can delete the Dharma question in the Dharma Question page.

URS25: Admins can edit the temple’s history in the update temple history page.

URS26: Admins can add the album of activity pictures.

URS27: Admin can edit the album of activities pictures.

URS28: Admin can delete the album of activities pictures.

URS29: Admin can add the activities pictures into the activity album.

URS30: Admin can delete the activities pictures in the activity album.

URS31: Admins can edit the contact's information in the contact page.