

Sprint 2 : Design Inspection Defects

Kishen Sivalingam
Sagar Pujara
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Qing Wei

Product	System Design Inspection		
Date	17/Feb/2014		
Author	Qing Wei		
Moderator	Sagar Pujara		
Inspectors	Qing Wei, Yinchen Yang		
Recorder	Kishen Sivalingam		
Defect #	Description	Severity	How Corrected
1	Event module and user module may call database several times and the environment variables for database are declared several time.	1	Create a database module and call module at the beginning of web page.
2	Comment module may call function converting time to string in the Event module.	3	Create a helper function for converting time to string in an individual module.
3	When commenting on an event, main page module sends query to an individual php file besides the comment module	1	Add code handle the post requests in the comment module.
4	When input url does not exist, the modules does not generate a 404 not found page.	2	Add code to handle 404 pages in all gui modules when get a not found url request.
5	Create an event module is separated from the event module and been called directly from the main page module	2	Move the create event module into event module. And now been called by using event module
6	The module does not specify the 1 to * relationship between events and comments	1	Added the relationship of 1...* between events and comments module

7	The event module does not have a component to delete the certain event	1	Move the deleteEvent module into event module.
8	The comment module does not have a component to delete the certain comment	1	Move the deleteComment module into comment module.
9	Search bar in main page module don't have a confirmation button	2	Add a button named "Search" allow user to either click the button or press "enter"
10	Page title was not updated. Template name from bootstrap need to be modified.	3	Display welcome info in login page. Display Display event name when checks details of a single event.

Sprint 2 : Code Inspection

Product	Event module Inspection		
Date	19/Feb/2014		
Author	Kishen Sivalingam		
Moderator	Sagar Pujara		
Inspectors	Qing Wei, Sagar Pujara		
Recorder	Yinchen Yang		
Defect #	Description	Severity	How Corrected
1	Same event can be add multiple times.	3	Added a logic so that, the same event name and address cannot be added again on a specific date.
2	getrecentEvent function will return the events in ascending time order.	1	Change the query to descending order to get a right time order.

3	An empty event can be added to the database. All the field in the add event form are left empty.	1	Create a simple check to determine if all the asterisk marked field are filled up. If those fields are not filled up highlight the required fill and prompt the user to fill in the field.
4	A unknown address can be added to an event.	3	Used google autocomplete API to make sure the provided address is valid.
5	Search event function will only match the name of events cannot search based on location and content	2	Change the query logic and union all the query results when return from the search function.

Product	Map Module inspection		
Date	19/Feb/2014		
Author	Kishen Sivalingam		
Moderator	Sagar Pujara		
Inspectors	Qing Wei, Yinchun Yang		
Recorder	Sagar Pujara		
Defect #	Description	Severity	How Corrected
1	The map will only show user's location when user click allow geolocation button	1	Save user's last known location in userinfo table and added code showing last known location before user click allow button.
2	Every user can now drag the event marker on the map.	1	Added a extra column in event table to save event creator id and only allow event creator to drag the event.
3	The event marker disappears when zoomed in a particular area.	2	Fixed the zoom to 15. This makes user not to zoom on a specific area. But all the name of the road and building will be visible at

			zoom 15.
4	When keep clicking on a marker the information box will overlap	3	Added code of eventpreventdefault when current marker has an open information box.
5	When drag the marker, the event position is not updated backend and database.	1	Added code both in frontend ajax call and backend update position in event to update the position when user drop the marker.
6	The user can drag current location marker	2	Make the marker undraggable by using a javascript script.
7	The user current location marker and event marker look same.	3	Change the current location marker to a custom marker by adding a javascript with google map api.
8	Marker that is dropped on the event location is not centered in the map.	2	Drop the marker to the center of the map using the setCenter method.

Product	Like and comment Module Inspection		
Date	19/Feb/2014		
Author	Yinchen Yang		
Moderator	Kishen Sivalingam		
Inspectors	Qing Wei, Yinchen Yang		
Recorder	Sagar Pujara		
Defect #	Description	Severity	How Corrected
1	Like an event display correctly on current page. After refreshing the page, the like action disappeared. Only happens sometimes	2	PHP POST for like action fails sometimes. Optimize the php for POST and GET. And only display like on the event until received confirmation from server.
2	New comment was displayed in wrong	1	Modified the logic to add

	order(Later comment appear before earlier comment from current user. However, the order is still maintained after refreshing.		new comment to the list. Add more judgment to find the right ancestor.
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Product	User Code Inspection		
Date	19/Feb/2014		
Author	Sagar Pujara		
Moderator	Sagar Pujara		
Inspectors	Kishen Sivalingam, Yincheng Yang		
Recorder	Qing Wei		
Defect #	Description	Severity	How Corrected
1	Logout directs user to blank page and only return when user refresh the page	1	Linked to logout button to direct user to the login page if Logout was successful else remain on the same page.
2	When user clicks on a text box, the description of the text box remains there. User had to manually remove that description before fill in data.	1	Used the html attribute placeholder to type the description.
3	Invalid email is not checked and stored in database	2	Used a built in PHP function Filter_validate_email to validate the email.
4.	Characters that are typed in the password textbox of the signup form is not hidden	2	Set the textbox type to password.

Sprint 2: Unit Testing

Product	Event module Unit Testing
Date	20/Feb/2014
Author	Qing Wei
Moderator	Sagar Pujara

Inspectors	Kishen Sivalingam, Sagar Pujara		
Recorder	Yinchen Yang		
Defect #	Description	Severity	How Corrected
1	User could create identical events by enter the same information in the create form and these rows will all be stored in the database.	3	Added a logic so that, the same event name and address cannot be added again on a specific date by modifying the SQL
2	When calling getrecentEvent function, the function will return the events in ascending time order.	1	Change the query to descending order to get a right time order.
3	When clicking the submit button without filling anything in any of the field, user may submit an empty event. All the field in the database is displayed as NULL.	1	Check each field with "value.length>0) to make each of them is filled. Highlight the unfilled field. Adding a message above submit button saying "Please fill in all of the fields" in red.
4	After create a unknown address for an event, the map will fail to locate the marker.	3	Used google autocomplete API to make sure the provided address is valid before saving the event to the database.
5	When search an event, the search function only match the name of events cannot search based on location and content.	2	Change the query logic and union all the query results when return from the search function.

Product	Map Module Unit Testing
Date	20/Feb/2014
Author	Kishen Sivalingam
Moderator	Sagar Pujara
Inspectors	Qing Wei, Yinchen Yang
Recorder	Sagar Pujara

Defect #	Description	Severity	How Corrected
1	when user does not click allow geolocation button, the map will be blank	1	Save user's last known location in userinfo table and added code showing last known location before user click allow button to avoid a blank map.
2	If a user is not a event creator, he can now drag the event marker on the map.	1	Added a extra column in event table to save event creator id and only allow event creator to drag the event.
3	When user zoomed in a particular area, some event markers disappear.	2	Fixed the zoom level. This makes user not to zoom on a specific area. But all the name of the road and building will be visible at zoom 15.
4	When user keep clicking on a marker, the information box will overlap.	3	Added javascript code of eventpreventdefault when current marker has an open information box.
5	When drag the marker, the event position is not updated backend and database.	1	Added code both in frontend(ajax call) and backend(update position in event) to update the position when user click and drop the marker.
6	If user click and drag the current location marker, the marker can be moved or dragged.	3	Make the marker undraggable by using a javascript script in the map module.
7	When Marker that is dropped on the event location is not centered in the map.	2	Drop the marker to the center of the map using the setCenter method.

Product	Like and comment Module Unit Testing
Date	17/Feb/2014

Author	Sagar Pujara		
Moderator	Kishen Sivalingam		
Inspectors	Qing Wei, Yincheng Yang		
Recorder	Sagar Pujara		
Defect #	Description	Severity	How Corrected
1	When user click Like an event, the like numbers increase on current page. After refreshing the page, the like action disappeared. Only happens sometimes	2	PHP POST for like action fails sometimes. Optimize the php for POST and GET. And only display like on the event until received confirmation from server.
2	When comment same event several times, the order of comment is messed up. After refresh the order will become normal.	1	Modified the logic to add new comment to the html DOM. Add more judgment to find the right DOM ancestor.

Product	User Module Unit Testing		
Date	17/Feb/2014		
Author	Kishen Sivalingam		
Moderator	Sagar Pujara		
Inspectors	Kishen Sivalingam, Yincheng Yang		
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Defect #	Description	Severity	How Corrected
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2	When user clicks on a text box, the description of the text box remains there. User had to manually remove that description before filling in data's.	3	Used the html attribute placeholder to type the description.

3	When input an invalid email address, the email will be saved in the database	2	Used a built in PHP function <code>Filter_validate_email</code> to validate the email.
4	Characters that are typed in the password textbox of the signup form is not hidden	2	Set the textbox type to password.