Test Plan

Test ID	Description	Severity	Type	Instruction	Output
Free Food Engine Server 001	Server Status	Critical	Functional	Use terminal to ssh to the server shell (% ssh 52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com) And type % tail_all to show the server log.	Should connect to the server shell, and show the logs that shows server is running.
Free Food Engine Server 002	Database Status	Critical	Functional	Use terminal to ssh to the server shell (% ssh 52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com) and type % mysql, then type % status	Should show that the mysql is running correctly
Free Food Engine Server 003	Restart Application	Important	Functional	In terminal type % rhc app-restart FreefoodEngine	If success should print out RESULT: FreefoodEngine restarted
Free Food Engine Server 004	Handling Requests	Critical	Functional	Use terminal to ssh to the server shell (% ssh 52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com) and type % tail_all to show the server log. And open the website do some requests.	If success should show the request header "GET / HTTP/1.1 XXXXX" or "POST / HTTP/1.1 XXXXX" in the terminal log.
Free Food Engine Server 005	Handling Requests	Critical	Equivalence	Use terminal to ssh to the server shell (% ssh 52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com) and type % tail_all to show the server log. And open the website do an add event POST request.	If success should show the request header "POST / HTTP/1.1 XXXXX" in the terminal log.
Free Food Engine Server 006	Handling Requests	Important	Boundary	Use terminal to ssh to the server shell (% ssh 52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.	Should print "Error, cannot handle PUT requests"

				com) and type % tail_all to show the server log. And open the website form other requests like PUT requests.	
Free Food Engine Server 007	Handling Requests	Important	Boundary	Use terminal to ssh to the server shell (% ssh 52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com) and type % tail_all to show the server log. And open the website form other requests like DELETE requests.	Should print "Error, cannot handle DELETE requests"
Free Food Engine Client 001	Login As Event Organizer	Critical	Functional	Click "Sign in with Facebook" button and Confirms authentication.	If Facebook logged in, will switch to the homepage; Otherwise will be redirect to the facebook login page.
Free Food Engine Client 002	Login As User	Critical	Functional	Click "Sign in with Facebook" button and Confirms authentication.	If Facebook logged in, will switch to the homepage; Otherwise will be redirect to the facebook login page.
Free Food Engine Client 003	Create An Event	Critical	Functional	Input all fields in the pop-up frame and click the submit button	It should successfully create a new event in the database and show the event in main web page. If failed, should return the failed message "Error: database error, failed to create an event".
Free Food Engine Client 004	Create An Event	Critical	Equivalence	Input characters with length between 1-120 for "Name", 0-120 for "Location", "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click	It should successfully create a new event in the database and tells user created event successful and return to home page.

				Submit Button	
Free Food Engine Client 005	Create An Event	Critical	Boundary	Input characters with length 0 for "Name", 0-120 "Location", "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Empty Name"
Free Food Engine Client 006	Create An Event	Critical	Boundary	Input characters with length 121 for "Name", 0-120 "Location", "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button.	It should change the border color of that field to red and saying "Name too long"
Free Food Engine Client 007	Create An Event	Important	Boundary	Input characters with length 121 for "Location", 1-120 "Name", 0-120 "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Location name too long"
Free Food Engine Client 008	Create An Event	Important	Boundary	Input characters with length 121 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Organizer name too long"
Free Food Engine Client 009	Create An Event	Workaround	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 501 for "Content" and Choose a	It should change the border color of that field to red and saying "Content too long"

				date between current date to 2020-12-31, then click Submit Button	
Free Food Engine Client 010	Create An Event	Critical	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check zero "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Need at least one food type"
Free Food Engine Client 011	Create An Event	Critical	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 0-500 for "Content" and Choose date 2001-01-01, then click Submit Button	It should change the border color of that field to red and saying "Invalid year input"
Free Food Engine Client 012	Create An Event	Important	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 0-500 for "Content" and Choose date 2031-01-01, then click Submit Button	It should change the border color of that field to red and saying "Invalid year input"
Free Food Engine Client 013	Modify An Event	Critical	Functional	Select an event from the list associated with the user account. Modify the fields with previous information and click on "Update" button	It should successfully update the original event in the database and show the event in main web page. If failed, should return the failed message "Error: database error, failed to update an event".
Free Food Engine Client	Modify An Event	Critical	Equivalence	Input characters with length	It should successfully

014				between 1-120 for "Name", 0-120 for "Location", "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	update a new event in the database and tells user updated event successful and return to home page.
Free Food Engine Client 015	Modify An Event	Critical	Boundary	Input characters with length 0 for "Name", 0-120 "Location", "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Empty Name"
Free Food Engine Client 016	Modify An Event	Critical	Boundary	Input characters with length 121 for "Name", 0-120 "Location", "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Name too long"
Free Food Engine Client 017	Modify An Event	Important	Boundary	Input characters with length 121 for "Location", 1-120 "Name", 0-120 "Organizer", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Location name too long"
Free Food Engine Client 018	Modify An Event	Important	Boundary	Input characters with length 121 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Organizer name too long"

Free Food Engine Client 019	Modify An Event	Workaround	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 501 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Content too long"
Free Food Engine Client 020	Modify An Event	Critical	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check zero "Food Type", 0-500 for "Content" and Choose a date between current date to 2020-12-31, then click Submit Button	It should change the border color of that field to red and saying "Need at least one food type"
Free Food Engine Client 021	Modify An Event	Critical	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 0-500 for "Content" and Choose date 2001-01-01, then click Submit Button	It should change the border color of that field to red and saying "Invalid year input"
Free Food Engine Client 022	Modify An Event	Important	Boundary	Input characters with length between 0-120 for "Organizer", 1-120 "Name", 0-120 "Location", Check at least one "Food Type", 0-500 for "Content" and Choose date 2031-01-01, then click Submit Button	It should change the border color of that field to red and saying "Invalid year input"
Free Food Engine Client 023	Comment An Event	Important	Functional	Input regular comment	If user click comment button and input is valid, submit the comment in the comment list and update the database.
Free Food Engine Client 024	Comment An Event	Important	Equivalence	Input 1-255 characters in the text area of the form	If user click comment button and input is valid, submit the comment in

					the comment list and update the database else pop up box saying "Error, created comment failed".
Free Food Engine Client 025	Comment An Event	Workaround	Boundary	Input nothing in the comment box	If user click comment, notify user nothing to submit and prevent further operation.
Free Food Engine Client 026	Comment An Event	Workaround	Boundary	Input nothing but space in the comment box	If user click comment, detect only spaces was typed and notify user this will not be submitted and prevent further operation.
Free Food Engine Client 027	Comment An Event	Important	Boundary	Input 256 characters in the text area of the form	Pop up box saying "Comment too long".
Free Food Engine Client 028	Like an event	Workaround	Functional	Click "Like" button in event view	If user successfully logged in, change the "like" button to "liked" and post it in facebook.
Free Food Engine Client 029	Like an event	Workaround	Boundary	Click "Like" button in event view not logged in	If user is not logged in, notify user to login first.
Free Food Engine Client 030	View All Events In A Sorted Time Order	Critical	Functional	Goto the website homepage.	The events should be in sorted order as page finishes loading. Otherwise, popup window saying "Error, retrieve events data failed".
Free Food Engine Client UI 001	Create An Event Button	Critical	Functional	Click "Create an event" button logged in	A pop-up frame should show up with a form in it.
Free Food Engine Client UI 002	Create An Event Button	Critical	Equivalence	Click "Create an event" button logged in	The form in the pop-up frame should have the following: 1. Name of the event - Text Box 2. Date the event will take place - Calendar

					3. Organizer of the event - Text Box 4. Location of the event - Text Box with google autocomplete 5. Type of food that will be provided - Check box 6. Upload poster - Text Box
Free Food Engine Client UI 003	Create An Event Button	Critical	Boundary	Click "Create an event" button not logged in	A pop-up frame should show up saying "log in first"
Free Food Engine Client UI 004	Add Marker To The Map	Important	Functional	Click "Submit " on the create an event form	If success, a marker should drop on to the map else pop up window saying "Error: adding marker to map"
Free Food Engine Client UI 005	Information About Event	Important	Functional	Click on a specific marker	A small info window should pop up with all the information about the event. If ajax fails, put innerhtml with "Error: retrieve information"
Free Food Engine Client UI 006	Info Window	Workaround	Functional	Click on info window	Info window should disappear from the map
Free Food Engine Client UI 007	Update Marker Location	Important	Functional	As user drag the marker in the map	The marker cannot be dragged or change place else popup a window saying "Error, should not move the marker"
Free Food Engine Client UI 008	Update Marker Location	Important	Functional	As a event organizer drag and place marker at a new location	The marker should change location and information in info window could be updated.
Free Food Engine Client	Update Marker	Important	Equivalence	As a event organizer drag and place marker at a new	The marker should change location and

UI 009	Location			location within the map frame widget	information in info window could be updated.
Free Food Engine Client UI 010	Update Marker Location	Important	Boundary	As a event organizer drag and place marker at a new location exceed the map frame widget	The marker should not change location and popup saying "Error: update marker location"
Free Food Engine Client UI 011	Multiple Marker In Map	Important	Functional	Add multiple events with different dates	All the marker should show up in the map
Free Food Engine Client UI 012	Delete Event	Important	Functional	Create an event and delete that event	Event should be removed from the database and marker on the map also must be removed. Else pop up a window saying "Error: delete event fail"
Free Food Engine Client UI 013	Browser Compatibility	Important	Functional	User try website in an brower	Website should load successfully and render correctly
Free Food Engine Client UI 014	Browser Compatibility	Important	Equivalence	User try website in latest chrome browser	Website should load successfully and correctly formatted
Free Food Engine Client UI 015	Browser Compatibility	Workaround	Boundary	User try website in an old brower	A pop-up should appear and give notification "Browser not Compatible. Please upgrade to latest browser,"
Free Food Engine Client UI 016	Website on Phone	Important	Functional	Open Website on Phone	The website will automatically adjust website to fit into mobile browsers. If failed, the website will be the original size and scale.
Free Food Engine Client UI 017	Website on Phone	Important	Equivalence	Open Website on a regular Phone (iPhone 4,4s,5 or any Android phone)	The website will automatically adjust website to fit into mobile browsers. If failed, the website will be the

					original size and scale.
Free Food Engine Client UI 018	Website on Phone	Workaround	Boundary	Open Website on Phone with Low Definition (480*320)	The website will automatically adjust website to fit into mobile browsers. If failed, the website will be the original size and scale.
Free Food Engine Client UI 019	Website on Phone	Workaround	Boundary	Open Website on Phone with High Definition (1920*1080)	The website will automatically adjust website to fit into mobile browsers. If failed, the website will be the original size and scale.
Free Food Engine Client UI 020	Sign in Button	Critical	Functional	Click "Sign in with Facebook" button	Pop-up a browser window which redirects user to facebook authentication page and after confirming, sign user in with facebook. If failed, popup a window saying "Error, user authentication failed".
Free Food Engine Client UI 021	Logout Button	Important	Functional	Click "Logout" button	User will be redirected to login page. If failed, echo "Error: session destroy not properly done"
Free Food Engine Client UI 022	Logout Button	Important	Functional	Click "Logout" button	If the user opens many tab that has Free Food engine running, all of those should be logged out. If failed, echo "Error: session destroy not properly done".