

# Test Plan

- A. Free Food Engine Server 001, Server Status Functionality, Critical
- B. Use terminal to ssh to the server shell (% ssh [52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com](mailto:52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com)) and type % tail\_all to show the server log.
- C. Should connect to the server shell, and show the logs that shows server is running.

- A. Free Food Engine Server 002, Database Status Functionality, Critical
- B. Use terminal to ssh to the server shell (% ssh [52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com](mailto:52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com)) and type % mysql, and then type % status.
- C. Should show that the mysql is running correctly.

- A. Free Food Engine Server 003, Restart Application Functionality, Critical
- B. In terminal type % rhc app-restart freefood.
- C. If success should print out RESULT: freefood restarted.

- A. Free Food Engine Server 004, Handling Requests Functionality, Critical
- B. Use terminal to ssh to the server shell (% ssh [52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com](mailto:52e7185e4382ec90dd00013e@freefood-weiqing.rhcloud.com)) and type % tail\_all to show the server log. And open the website do some requests such as, login.
- C. If success should show the request header "GET / HTTP/1.1 XXXXX"

- A. Free Food Engine Client 001, Login As Event Organizer Functionality, Critical
- B. Click "Sign in with Facebook" button and Confirms authentication
- C. If Facebook logged in, will switch to the homepage; Otherwise will be redirect to the facebook login page.

- A. Free Food Engine Client 002, Login As User Functionality, Critical
- B. Click "Sign in with Facebook" button and Confirms authentication
- C. If Facebook logged in, will switch to the homepage; Otherwise will be redirect to the facebook login page.

- A. Free Food Engine Client 003, Create An Event Functionality, Critical
- B. Input all fields in the pop-up frame and click the submit button

C. 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".

A. Free Food Engine Client 004, Create An Event Equivalence, Critical

B. 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 Submit Button

C. It should successfully create a new event in the database and tells user created event successful and return to home page.

A. Free Food Engine Client 005, Create An Event Boundary, Critical

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Empty Name"

A. Free Food Engine Client 006, Create An Event Boundary, Critical

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Name too long"

A. Free Food Engine Client 007, Create An Event Boundary, Important

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Location name too long"

A. Free Food Engine Client 008, Create An Event Boundary, Important

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Organizer name too long"

A. Free Food Engine Client 009, Create An Event Boundary, Workaround

B. 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

C. It should change the border color of that field to red and saying "Content too long"

A. Free Food Engine Client 010, Create An Event Boundary, Critical

B. 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

C. It should change the border color of that field to red and saying "Need at least one food type"

A. Free Food Engine Client 011, Create An Event Boundary, Critical

B. 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

C. It should change the border color of that field to red and saying "Invalid year input"

A. Free Food Engine Client 012, Create An Event Boundary, Important

B. 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

C. It should change the border color of that field to red and saying "Invalid year input"

A. Free Food Engine Client 013, Modify An Event Functionality, Critical

B. Select an event from the list associated with the user account. Modify the fields with previous information and click on "Update" button

C. 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".

A. Free Food Engine Client 014, Modify An Event Equivalence, Critical

B. 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 Submit Button

C. It should successfully update a new event in the database and tells user updated event successful and return to home page.

A. Free Food Engine Client 015, Modify An Event Boundary, Critical

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Empty Name"

A. Free Food Engine Client 016, Modify An Event Boundary, Critical

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Name too long"

A. Free Food Engine Client 017, Modify An Event Boundary, Important

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Location name too long"

A. Free Food Engine Client 018, Modify An Event Boundary, Important

B. Input characters with length between 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

C. It should change the border color of that field to red and saying "Organizer name too long"

A. Free Food Engine Client 019, Modify An Event Boundary, Workaround

B. 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

C. It should change the border color of that field to red and saying "Content too long"

A. Free Food Engine Client 020, Modify An Event Boundary, Critical

B. 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

C. It should change the border color of that field to red and saying "Need at least one food type"

A. Free Food Engine Client 021, Modify An Event Boundary, Critical

B. 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

C. It should change the border color of that field to red and saying "Invalid year input"

A. Free Food Engine Client 022, Modify An Event Boundary, Important

B. 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

C. It should change the border color of that field to red and saying "Invalid year input"

A. Free Food Engine Client 023, Comment An Event Functionality, Important

B. Input regular comment

C. If user click comment button and input is valid, submit the comment in the comment list and update the database.

A. Free Food Engine Client 024, Comment An Event Equivalence, Important

B. Input 1-255 characters in the text area of the form

C. 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".

A. Free Food Engine Client 025, Comment An Event Boundary, Workaround

B. Input nothing

C. If user click comment, notify user nothing to submit and prevent further operation.

A. Free Food Engine Client 026, Comment An Event Boundary, Workaround

B. Input nothing but space

C. If user click comment, detect only spaces was typed and notify user this will not be submitted and prevent further operation.

A. Free Food Engine Client 027, Comment An Event Equivalence, Important

B. Input 256 characters in the text area of the form

C. Pop up box saying "Comment too long".

A. Free Food Engine Client 028, Like an event, Workaround

B. Click "Like" button in event view

C. If user is not logged in, notify user to login first.

A. Free Food Engine Client 029, Like an event, Workaround

B. Click "Like" button in event view

C. If user successfully logged in, change the "like" button to "liked" and post it in facebook.

A. Free Food Engine Client 030, View All Events In A Sorted Time Order, Critical  
B. Goto the website homepage.  
C. The events should be in sorted order as page finishes loading. Otherwise, popup window saying “Error, retrieve events data failed”.

A. Free Food Engine Client UI 001, Create An Event Button Functionality, Critical  
B. Click “Create an event” button  
C. A pop-up frame should show up with a form in it.

A. Free Food Engine Client UI 002, Create An Event Button Equivalence, Critical  
B. Click “Create an event” button  
C. 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

A. Free Food Engine Client UI 003, Add Marker To The Map Functionality, Important  
B. Click “Submit ” on the create an event form  
C. If success, a marker should drop on to the map else pop up window saying “Error: adding marker to map”

A. Free Food Engine Client UI 004, Information About Event Functionality, Important  
B. Click on a specific marker  
C. A small info window should pop up with all the information about the event. If ajax fails, put innerhtml with “Error: retrieve information”

A. Free Food Engine Client UI 005, Info Window Functionality, Workaround  
B. Click on info window  
C. Info window should disappear from the map

A. Free Food Engine Client UI 006, Update Marker Location Functionality, Important  
B. As user drag the marker in the map  
C. The marker cannot be dragged or change place else popup a window saying “Error, updating marker location”

A. Free Food Engine Client UI 007, Update Marker Location Functionality, Important

- B. As a event organizer drag and place marker at a new location
- C. The marker should change location and information in info window could be updated.

- A. Free Food Engine Client UI 008, Multiple Marker In Map Functionality, Important
- B. Add multiple events with different dates
- C. All the marker should show up in the map

- A. Free Food Engine Client UI 009, Delete Event Functionality, Important
- B. Create an event and delete that event
- C. 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"

- A. Free Food Engine Client UI 010, Browser Compatibility, Workaround
- B. User try browsers that are old
- C. A pop-up should appear and give notification "Browser not Compatible. Please upgrade to latest browser,"

- A. Free Food Engine Client UI 011, Website on Phone, Workaround
- B. Open Website on Phone with High Definition (1920\*1080)
- C. The website will automatically adjust website to fit into mobile browsers. If failed, the website will be the original size and scale.

- A. Free Food Engine Client UI 012, Website on Phone, Workaround
- B. Open Website on Phone with Low Definition (480\*320)
- C. The website will automatically adjust website to fit into mobile browsers. If failed, the website will be the original size and scale.

- A. Free Food Engine Client UI 013, Sign in Button Functionality, Critical
- B. Click "Sign in with Facebook" button
- C. 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".

- A. Free Food Engine Client UI 014, Logout Button Functionality, Important
- B. Click "Logout" button
- C. User will be redirected to login page. If failed, echo "Error: session destroy not properly done"

- A. Free Food Engine Client UI 015, Logout Button Functionality, Important

B. Click “Logout” button

C. 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”.