Screens Required for Mobile App

Splash Screen

Login

About Us

Food Offers Summary Screen

Food Offer Details Screen

Payment Processing Screen

Register Subscriber

Update Subscriber Details

Register Supplier

Update Supplier Details

Contact Us

Name and Purpose
Splash – app front screen.

Outline Description
This screen offers Sign Up or Sign In options.

Design Template
TBD

Data Input Fields (With Field Names Used in Server Interaction)
Sign Up button

Sign In button

Client Side Processing
None. The user is directed either to the login screen or to the subscriber registration screen.

Possible Errors
None.

Server Processing
None.

Notes
We should talk through how best to make this an efficient process since there are options:

1. Display the username and password boxes on this screen together with the Sign In button?
2. How is a subscriber sign up and a supplier sign up differentiated? And where?

Name and Purpose

Login screen – allows supplier or subscriber login.

Outline Description

This screen offers username and password text fields for the user to fill in together with a Submit button.

Design Template

TBD

Data Input Fields (With Field Names Used in Server Interaction)

Username (username)

Password (Password)

Submit button

Client Side Processing

None.

Possible Errors

The server may return an invalid credentials error.

Server Processing

Username and password are validated and the user is logged in.

Notes

1. This screen does not need to differentiate between subscriber and supplier since the user credentials will determine this.

Name and Purpose

RegisterSubscriber – accepts user input and registers the new subscriber details.

Outline Description

This screen accepts user supplied information and passes it to the server with a request to register a new LastCall subscriber. A version of this screen must also be available to allow an existing subscriber to update their details.

Design Template

TBD

Data Input Fields (With Field Names Used In Server Interaction)

Email address (email)

Password (password)

Verify password

'Friendly' subscriber name (friendlyname)

Telephone number (telephone)

Checkbox indicating whether subscriber wishes to be notified of food offers by email (emailnotify)

Checkbox indicating whether subscriber wishes to be notified of food offers by text (textnotify)

Checkbox indicating whether subscriber wishes to be added to the LastCall general email list (emailsubscribe)

Default delivery address, consisting of street address, apartment number and zipcode (address)

Food preferences (prefs), a series of checkboxes displaying the food preference names originally generated by the server.

Submit button

Client Side Processing

1. Acquire a list of food preference names for display.
2. Email is validated for correct format.
3. Password is checked for compliance with password rules.
4. Password and verify password fields are checked to be the same.
5. Telephone number is verified to be in correct format.
6. Address is prepared as a single, comma separated, concatenated list of fields.
7. Data is sent to server as a single form transmission (HTTP POST.)
8. Server response received and either error is displayed or congratulatory message displayed.
9. If registration succeeds, user is automatically logged in.
10. User can click on 'See Food Offers' button and proceed to that screen.

Possible Errors

1. Invalid email address format.

2. Passwords do not match.
3. Password does not meet compliance rules.
4. (From server) Email already registered.
5. (From server) invalid delivery address.

Server Processing

1. Email address verified as not already in use. (Return an error.)
2. Subscriber details saved to database. (Return an authentication token to indicate the subscriber is now logged in.)

Notes

TBD

Name and Purpose

RegisterSupplier – accepts user input and registers the new supplier details.

Outline Description

This screen accepts user supplied information and passes it to the server with a request to register a new LastCall supplier. A version of this screen must also be available to allow an existing subscriber to update their details.

Design Template

TBD

Data Input Fields (With Field Names Used In Server Interaction)

Supplier name (supplier)

Supplier address (address)

Email address (email)

Password (password)

Verify password

Contact person name (contact)

Supplier description (description)

Telephone number (telephone)

Supplier website URL (url)

Supplier map URL (mapurl) (Used as input to Google Maps.

Supplier logo (logo) (Optionally allows the supplier to upload their logo in JPG, GIF or PNG format.)

Checkbox indicating whether supplier provides delivery service (delivery)

Submit button

Client Side Processing

1. Email is validated for correct format.
2. Password is checked for compliance with password rules.
3. Password and verify password fields are checked to be the same.
4. Telephone number is verified to be in correct format.
5. Address is prepared as a single, comma separated, concatenated list of fields.
6. Data is sent to server as a single form transmission (HTTP POST.)
7. Server response received and either error is displayed or congratulatory message displayed.

Possible Errors

1. Invalid email address format.
2. Passwords do not match.
3. Password does not meet compliance rules.

4. (From server) Email already registered.
5. (From server) invalid street address.

Server Processing

1. Email address verified as not already in use. (Return an error.)
2. Supplier details saved to database

Notes

TBD

Name and Purpose

Food Offers Summary Screen

Outline Description

Provides a summary list of current food offers, filtered according to the user's food preferences. Each summary entry allows a clickthrough to the details screen.

Design Template

TBD

Data Input Fields (With Field Names Used in Server Interaction)

Food preferences can be altered and the form re-submitted in order to see an updated summary list.

Client Side Processing

Management of the filters and preparation of the filter parameters to the server.

Possible Errors

None.

Server Processing

The server will generate a recordset showing summary details of current food offers and return it to the client.

Notes

This screen is going to be fairly dependent on the graphic design template. We need to work through how the filter process will be handled.

Name and Purpose

Food Offer Details Screen

Outline Description

Provides the details of a single food offer and allows the user to 'claim' the offer.

Design Template

TBD

Data Input Fields (With Field Names Used in Server Interaction)

The 'claim' button.

Client Side Processing

Prepares parameters for transmission to the server to indicate which offer is being claimed.

Possible Errors

An error may be returned if the food offer has expired or is no longer available..

Server Processing

1. Food offer details will be returned to the client.
2. The offer claim will be processed and the user sent to the payment processing screen.

Notes

TBD

Name and Purpose

About Us – provides a summary of Last Call.

Outline Description

None.

Design Template

TBD

Data Input Fields (With Field Names Used in Server Interaction)

None

Client Side Processing

None.

Possible Errors

None.

Server Processing

None.

Notes

TBD

Name and Purpose

Contact Us – provides a summary of Last Call.

Outline Description

Provides contact information for the company.

Design Template

TBD

Data Input Fields (With Field Names Used in Server Interaction)

None

Client Side Processing

None.

Possible Errors

None.

Server Processing

None.

Notes

TBD