

Crowdsource Development Project

Event Registration Solution

Functional Design Specification

Version: 1.0.4  
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**Table of Contents**

[1. Document Control 3](#_Toc211153636)

[1.1. Revision History 3](#_Toc211153637)

[1.2. Contributers 3](#_Toc211153638)

[2. Executive Overview 4](#_Toc211153639)

[2.1. Purpose 4](#_Toc211153640)

[3. Functional Overview 6](#_Toc211153641)

[3.1. Major Function 6](#_Toc211153642)

[4. User Interfaces 7](#_Toc211153643)

[4.1. List Forms 7](#_Toc211153644)

[4.2. Screen Flows 8](#_Toc211153645)

[4.3. Screen Definitions 9](#_Toc211153646)

[4.3.1. Login Screen 9](#_Toc211153647)

[4.3.2. New User Registration 12](#_Toc211153648)

[4.3.3. Search Events 16](#_Toc211153649)

[4.3.4. List My Events Form 20](#_Toc211153650)

[4.3.5. Lost My Password 23](#_Toc211153651)

[4.3.6. Update Profile 26](#_Toc211153652)

[4.3.7. Schedule New Event Form 29](#_Toc211153653)

[4.3.8. View Event Details 32](#_Toc211153654)

[4.3.9. Register for Event 36](#_Toc211153655)

[4.3.10. Update Event 38](#_Toc211153656)

[5. Complex Business Logic and Functionality 41](#_Toc211153657)

[5.1. User Registers for an event 41](#_Toc211153658)

[5.1.1. Purpose 41](#_Toc211153659)

[5.1.2. Inputs 41](#_Toc211153660)

[5.1.3. Processing 41](#_Toc211153661)

[5.1.4. Outputs 41](#_Toc211153662)

[5.2. Reminder email 43](#_Toc211153663)

[5.2.1. Purpose 43](#_Toc211153664)

[5.2.2. Inputs 43](#_Toc211153665)

[5.2.3. Processing 43](#_Toc211153666)

[5.2.4. Outputs 43](#_Toc211153667)

[5.3. Event Expiration 44](#_Toc211153668)

[5.3.1. Purpose 44](#_Toc211153669)

[5.3.2. Inputs 44](#_Toc211153670)

[5.3.3. Processing 44](#_Toc211153671)

[5.3.4. Outputs 44](#_Toc211153672)

[6. Data Definitions: 46](#_Toc211153673)

[6.1. Suggested Data Model 46](#_Toc211153674)

[6.2. Data Model Details 47](#_Toc211153675)

[6.2.1. Event Table 47](#_Toc211153676)

[6.2.2. User Data 47](#_Toc211153677)

[6.2.3. Registrations 48](#_Toc211153678)

[6.2.4. Event Type 48](#_Toc211153679)

[6.2.5. Food 48](#_Toc211153680)

Document Control

## Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Version** | **Date** | **Comments** | **Author** |
| 1.0.0 | 9/23/2008 | Initial Release | Robert LeRoy |
| 1.0.1 | 9/26/2008 | Revisions | Josh Lefeld |
| 1.0.2 | 10/01/2008 | Reformatted | Robert LeRoy |
| 1.0.3 | 10/03/2008 | Updates from SME walkthrough | Robert LeRoy |
| 1.0.4 | 10/06/2008 | Final updates from Jessica and Brent | Robert LeRoy |
|  |  |  |  |
|  |  |  |  |

## Contributers

|  |  |  |
| --- | --- | --- |
| **Contributors** | **Title** | **Sogeti Unit** |
| Jessica Nichols | SME | Cincinnati |
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|  |  |  |

# Executive Overview

## Purpose

|  |
| --- |
| **Purpose** |
| Crowd-Sourced Development is the idea that multiple parties participate in the design and development of a complete solution. Each designer/developer builds on the components that have been established by others. The IBM Open Source practice has put this concept to the test through a series of contests.  The contest involves creating an Event Management system for use by internal Sogeti offices. The application will provide event creation, registration and email reminders. Participants can do an internet search for Event Management to see the many examples of what will be built. This idea was selected because it is easy to articulate to others and there are so many examples to follow.    The Crowd Sourced Development will be broken into two phases:   1. Application Design - To be delivered using an agreed up document format. 2. Application Development - Will be executed in Java accessing a MySQL database.   This document presents a detailed description of the system that will meet business processes carried out within Event Registration at Sogeti. The purpose of this document is to identify the functional implementation of the system as they pertain to those processes, which are needed to sustain the operations of Event Registration. |
| **In Scope** |
| The following processes are considered within the scope of this document:  • Create, display, update and inactivate users  • Create, update and cancel an event  • Display (ability to read) events  • Ability to register for an event |
| **Out of Scope** |
| * Administration pages to support system maintenance. This will be addressed in later phases of development. * The role of Moderator who would approve new events. * All reporting capabilities beyond displaying a list event of current events. * Ability to attach documents to an event. * Category fields as defined in the requirements. * 1.3.1.3 - Ability to print an event in a formatted manner as defined in the requirements. * 1.1.1.5 - Ability to inactivate a profile * 1.1.1.6 – Email after inactivation * 1.1.3.1 – Designate a Moderator – Person who creates the event is default Moderator. * 1.1.2 – Manage Administrator Profiles, there are no administrators in the release. * 1.1.3.4 – Send email to all attendees. This will be done manually by exporting attendee list and sending the email with Outlook. * 1.2.1.2 – Send email to admin * 1.2.1.3 – Admin review of events * 1.2.1.4 – Email after admin accepts the event * 1.2.1.5 – Schedule after admin accepts the event * 1.2.1.6 – Request is Moderator * 1.2.1.7 – Email to all attendees * 1.2.1.8 – Email based on country * 1.2.1.9 – Email based on branch office * 1.2.1.10 – Email based on practice * 1.2.1.11 – Email based on branch and practice |

# Functional Overview

## Major Function

|  |  |  |
| --- | --- | --- |
| **Requirements**  **Cross Ref #** | **Function Name** | **Description** |
| 1.1.1 - User  1.1.3 - Moderator | Manage Users | All users will be allowed to access the event reservation system and establish a Registrar profile. This profile will permit the user to view scheduled events and register for events. |
| 1.2.1 - Create  1.2.2 - Update  1.2.3 - Cancel | Manage Events | An event can be any activity that requires the ability to track participants. These events can be internal to Sogeti (territory meetings, practice meetings, internal consultant training, etc.) or external to Sogeti (IBM/Microsoft solution presentation, CIO roundtable, external training, etc.). |
| 1.3.1 - View  1.3.2 - Search | Display Events | Users will be able to view their currently registered events and search for new events not yet registered. |
| 1.4.1 - Register | Event Registration | Users can register for currently scheduled events (i.e. events whose start date is after current date). Upon registering for an event, the user receives a confirmation e-mail. Users may also cancel their currently scheduled events as long as the event start date is after the current date. |
| 1.1.1.2  1.1.1.3  1.1.1.4  1.4.1.2  1.4.1.4  1.4.1.7  1.4.1.8 | Complex Logic | Several tasks occur automatically. These are documented in Section 5. |
|  |  |  |

# User Interfaces

The following section identifies and describes, in detail, each form related to this function.

## List Forms

|  |  |  |  |
| --- | --- | --- | --- |
| Sequence Number | Form Name | Purpose (high-level) | Requirements  Numbers |
| 1 | Login Page | Default/home page for users when they first arrive at the site. Users will use this page to initially log into the site. | Added during design |
| 2 | Register User | New users to the site will use this page to register with Sogeti. This is required before registering for an event. | 1.1.1.1 |
| 3 | Search Events | Allows the user to search for events within the system. | 1.3.1.4  1.3.1.7  1.3.2.1  1.3.2.2  1.3.2.3  1.3.2.4  1.4.1.5 |
| 4 | List My Events | Displays a list of all events the current user is registered for or is the owner. | 1.3.1.1  1.3.1.4  1.3.1.6  1.4.1.5 |
| 5 | Lost Password | User can request the current password be sent to a previously registered email address. | Added during design |
| 6 | Update Profile | The user can make changes to profile data used for registering for events. | 1.1.1.3 |
| 7 | Schedule Event | A Sogeti employee can create new events in the system. | 1.2.1.1 |
| 8 | View Event | Displays the details of a single previous event. | 1.3.1.2  1.4.1.1 |
| 9 | Register | Allows a user to sign-up as an attendee for an event. | 1.4.1 |
| 10 | Update Event | Allows the owner of an event to change the details. | 1.1.1.3  1.2.3.1  1.2.3.2  1.4.1.3 |
|  |  |  |  |

## Screen Flows

The following diagram reflects the expected navigation between forms. These flows do not include automated system processes.

The screens are expected to work within the existing standard Sogeti navigation system similar to how Connex works. The Sogeti banner should be at the top. A primary navigation will appear just below the banner and above the site content. A menu on the left will allow users to navigate the Event Management Site.



## Screen Definitions

### Login Screen

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  When the user navigates to the Event Management site. This is the first page they will see. It allows them to sign-in or register as a new user. Until they login, no action can be taken.  **How do you get here?**  From the url to the Event Management system.  **What does this form do?**  Allows the user to sign in, register as a user, or have their password emailed to them.  **Where do you go when you are done?**  After the user logs in they can go to the list events page. If the user goes to the register link they are brought to the register user page.  **Notes:**  The menu should not be active until the user has successfully signed in. |

#### Screen Design



#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
|  |  |  |  |
|  |  |  |  |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR1.1 | Login button | User logins | The Event management system will validate the username and password signing in. If successful, present 4.3.3 search events. If not, display message EM1.1 and return to 4.3.1 login. |
| BR1.2 | Register link | The user navigates to the register link. | The user will be brought to 4.3.2 New User |
| BR2.3 | Forgot password link | The user navigates to the “forgot password” link. | The user will be sent to 4.3.5 Lost Password. |
|  |  |  |  |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM1.1 | “Username or Password is not valid, please make sure you are a registered user and the correct information was entered.” |  |

### New User Registration

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  This allows a new user to register into the Event Management System.  **How do you get here?**  When the user navigates to the register URL on the login page.  **What does this form do?**  This allows a new user to register into the Event Management System. This will validate the user’s data to make sure correct data in being entered into the system.  **Where do you go when you are done?**  After the user registers they can go to the search events page.  **Notes:**  Until the user has successfully registered, the menu is not active. |

#### Screen Design



#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
| CB2.1 | Food Preference |  | No Preference (default)  Vegetarian  Vegan |
|  |  |  |  |
|  |  |  |  |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR2.1 | Register button | The user presses the register button. | Validate the user’s entered information using error message below.  If data passes, save data to the database and send a welcome email to the user using EM2.4. Return user to 4.3.3 Search.  If data fails, return user to screen with data intact but remove passwords. |
| BR2.2 | Cancel button | The user presses the cancel button. | The user does this to cancel the registration and is returned to 4.3.1 Login Screen with no data saved. |
|  |  |  |  |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM2.1 | “This email id is already registered. Please login with this email id. If you forgot the password, click on Forgot password link on the login page” |  |
| EM2.3 | “Password value and confirm password value does not match. Please re-enter”. |  |
| EM2.4 | “Dear *FirstName LastName*.  Thank you for registering with Sogeti. The registration process is complete.  We look forward to seeing you at our events.  Sincerely,  Sogeti USA” |  |

### Search Events

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  Ability to view and filter all events that are created in the event registration system.  **How do you get here?**  The registrar can access this page through the event registration homepage.  **What does this form do?**  Allows the user to view events that have been created in the event registration system. Allows the user to filter the events by start date, event location, and event status. Allows the registrar/moderator to view event details. Allows the user to update an event if the moderator is the owner of that event.  **Where do you go when you are done?**  The registrar/moderator can go to the view event details form, register for event form if they have not registered for the event, update and event using the update event form if they are the owner of the event, another form in the using the navigation bar of the event registration system, or log out of the system.  **Notes:** |

#### Screen Design



|  |  |  |  |
| --- | --- | --- | --- |
| Ref # | Control / Field Name | Code Box Table Number | Combo Box List Values |
|  |  |  |  |
|  |  |  |  |

#### Combo Box list values

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR3.1 | Filter Button | Click Filter Button | When the filter button is clicked a list of all events that fit the criteria will be displayed. The criteria should perform an “AND” condition.  Keyword – should be keyword search in title and description for each word entered into this field using or conditions.  From and Thru – should match against the event date.  Completed – indicated by “completed” flag on event.  Canceled – indicated by the “canceled” flag on the event.  Columns returned should be:   * Event Title * Start Date * Status (complete, open, canceled) * Action (View link, Update link, Attendees link)   If no events match the criteria, display the message EM3.1. |
| BR3.2 | View Event | Click View Link | The Event Details Form (4.3.8) is displayed when user clicks the link.  \*\*\*The link is only displayed if the user is NOT the owner of the event. |
| BR3.3 | Update Event | Click Update Link | The Update event form (4.3.11) is displayed.  \*\*\*The link is only displayed if the user is the owner of the event. |
| BR3.4 | Attendees | Click Attendees Link | A CSV file is downloaded containing all attendees (all profile fields) registered for the event with any registration comments and date registered. Include moderator in this list.  \*\*\*The link only displays if the user is the owner of the event. |
| BR3.5 | Dates | Page Load | Default from date to current date.  Default thru date to current date + seven days |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM3.1 | “There are no events for the filter(s) you have selected” | OK |
|  |  |  |

### List My Events Form

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  Ability to view detailed information about events a registrar has currently registered  **How do you get here?**  The registrar can navigate to this form from the homepage form using the navigation bar at the top of the form.  **What does this form do?**  Allows the registrar to view events they are registered to attend. The registrar can view detailed information about the event and can print the event details. The registrar has the ability to cancel registration for an event.  **Where do you go when you are done?**  The Registrar can go to another form of the event scheduling system or log out of the system  **Notes:** |

#### Screen Design



#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
|  |  |  |  |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR4.1 | Screen | Page Load | Show all active, future events that the user is registered for or the owner.  Columns returned should be:   * Event Title * Start Date * End Date * Status (complete, open, canceled) * Action (View, Update, Attendees)   If no events match the criteria, display the message EM4.1. |
| BR4.2 | View Event | Click View Link | The Event Details Form (4.3.8) is displayed when user clicks the link.  \*\*\*The link is only displayed if the user is NOT the owner of the event. |
| BR4.3 | Update Event | Click Update Link | The Update event form (4.3.11) is displayed.  \*\*\*The link is only displayed if the user is the owner of the event. |
| BR4.4 | Attendees | Click Attendees Link | A CSV file is downloaded containing all attendees (all profile fields) registered for the event with any registration comments and date registered  \*\*\*The link only displays if the user is the owner of the event. |
|  |  |  |  |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM4.1 | “You have no active events” | OK |
|  |  |  |
|  |  |  |
|  |  |  |

### Lost My Password

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  A mechanism for the user to retrieve his/her password.  **How do you get here?**  From the main Login page.  **What does this form do?**  Prompts the user for email address and sends an email with current password.  **Where do you go when you are done?**  To the main Login page.  **Notes:** |

#### Screen Design



#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Tble Number** | **Combo Box List Values** |
|  |  |  |  |
|  |  |  |  |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR5.1 | Email My Password | Button Click | Lookup the email address in the database. If found, send current password to the email address. If not found, display message EM5.1 and return to login screen 4.3.1 |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM5.1 | Email address not found in our system. | OK |
|  |  |  |
|  |  |  |
|  |  |  |

### Update Profile

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  User can change the password or contact info by clicking on update profile tab.  **How do you get here?**  When the user navigates to the update profile URL.  **What does this form do?**  This allows a user to update their profile in the Event Management System. This will validate the user’s data to make sure correct data in being entered into the system. The only information that cannot be changed is the user’s email id.  **Where do you go when you are done?**  After the user logs in they can go to the list events page. If the user goes to the register link they are brought to the register page.  **Notes:** |

#### Screen Design



#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| Ref # | Control / Field Name | Code Box Table Number | Combo Box List Values |
| CB6.1 | Food Preference |  | No Preference  Vegetarian  Vegan |
|  |  |  |  |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
|  |  |  |  |
|  |  |  |  |
| BR6.1 | Update button | Button Click | Validate the user’s entered information using error message below.  If data passes, save data to the database and send EM6.1 to the user indicating the account was updated. Return user to 4.3.3 Search.  If data fails, return user to screen with data intact but remove passwords. |
| BR6.2 | Cancel button | The user presses the cancel button. | The user does this to cancel the update and is returned to 4.3.3 Search Events with no data saved. |
|  |  |  |  |

#### Non-Routine Dialog & Error Messages

|  |  |  |  |
| --- | --- | --- | --- |
| Rule # or Scenario | | Message or Reference Number | Dialog Options |
| EM6.1 | “This email id is already registered. Please login with this email id. If you forgot the password, click on Forgot password link on the login page” | |  |
| EM6.2 | “Password value and confirm password value does not match. Please re-enter”. | |  |
| EM6.3 | | “Dear *FirstName LastName*.  Your account profile in the Sogeti Event Management system has been update per your request.  We look forward to seeing you at our events.  Sincerely,  Sogeti USA” |  |
|  | |  |  |

### Schedule New Event Form

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  This allows a moderator to create a new event.  **How do you get here?**  From the navigation menu. This option is only available to Sogeti employees  **What does this form do?**  Allows a moderator to create an event. The moderator will be able to enter all event details in this screen.  **Where do you go when you are done?**  User is sent to the List My Events.  **Notes:** |

#### Screen Design



#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
| CB7.2 | Type |  | Seminar  Meeting  Training  Social  Other |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR7.1 | Start Date/Time | Value Change | Start date/time must be > current date/time |
| BR7.4 | Browse(logo) | Click | Windows explorer pop-up to select file locally. File type must be JPG, PNG, BMP, or GIF. |
| BR7.5 | Description | Value Change | The description should support HTML formatted text. |
| BR7.6 | Schedule Event | Button Click | Validate data and save to database. |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM7.1 | The start date and time must be in the future. | OK |
| EM7.2 | The end date and time must be after the start date and time. | OK |

### View Event Details

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  Displays details for the selected event and allows user to register for event if not registered or cancel their registration if already registered.  **How do you get here?**  From search result page by clicking the event they would like to view.  **What does this form do?**  Allows user to register or cancel the currently viewed event.  **Where do you go when you are done?**  After selecting Register button user is linked to the Register for Event page.  After selecting Cancel button user is linked to the View Registered Events page.  **NOTE:**  We need the ability to email a link to this screen. AE’s will create a ‘cover letter’ with the registration site in as link. The user will we dropped to this screen and when Register is clicked, they will:   * Go through the signin/registration process * Forwarded to the Register page. |

#### Screen Design



(If the user has not registered for the event)



(If the user has already registered for the event)

#### Combo Box list values

|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
|  |  |  |  |

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR8.1 | Register Button | Page Load | If user is not registered for the event display Register button. |
| BR8.2 | Cancel My Registration Button | Page Load | If user is registered for the event display the Cancel Button. |
| BR8.3 | Register Button | Click of Button | Redirect to Register for Event page 4.3.9 |
| BR8.4 | Cancel My Registration Button | Click of Button | 1. User is removed from the event in the database.  2. Send cancellation email to user.  3. Redirect to View Registered Events page 4.3.4 |
|  |  |  |  |

#### Event Details Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### Register for Event

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  Allows user to register or return to the detail page.  **How do you get here?**  From the Event Details page by clicking the Register button.  **What does this form do?**  Allows user to register for the event or return to the detail page.  **Where do you go when you are done?**  Links to the View Registered Events page or back to Event Details page. |

#### Screen Design



|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
|  |  |  |  |

#### Combo Box list values

#### Business Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR9.1 | Register Button | Click of Button | Add user to registrations for this event. This should trigger the complex logic in section 5.1 below |
|  |  |  |  |
|  |  |  |  |

#### Event Details Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

### Update Event

#### Screen Description

|  |
| --- |
|  |
| **General Description:**  This is a form to allow the update of certain aspects of an event including title, logo, category, type, additional information, attached files, attendees, and status. Updates may only be made by the moderator of the event or an administrator. Upon updates, a notification email will be sent to all registered users.  **How do you get here?**  By clicking the update link when viewing the event.  **What does this form do?**  This allows a moderator to update an event and notify all registered users.  **Where do you go when you are done?**  Back to the view event screen.  **Notes:** |

#### Screen Design



|  |  |  |  |
| --- | --- | --- | --- |
| **Ref #** | **Control / Field Name** | **Code Box Table Number** | **Combo Box List Values** |
|  |  |  |  |
|  |  |  |  |

#### Combo Box list values

#### hBusiness Rules

|  |  |  |  |
| --- | --- | --- | --- |
| Business Rule # | Primary Object | Event or Trigger | Business Logic |
| BR10.1 | Page | Form Open | If status = ‘completed’ or ‘canceled’, no updates may be made |
| BR10.2 | Browse Logo | Click | Windows explorer pop-up to select file locally and upload a logo to the event |
| BR10.3 | Update Event | Click | Validate the data submitted and update the database. Display error messages below when data is not accurate. |
| BR10.4 | Cancel Event | Click | In the database, mark the event as Cancelled |

#### Non-Routine Dialog & Error Messages

|  |  |  |
| --- | --- | --- |
| Rule # or Scenario | Message or Reference Number | Dialog Options |
| EM10.1 | The start date and time must be in the future. | OK |
| EM10.2 | The end date and time must be after the start date and time. | OK |
| EM10.3 | Start and End date/time must be updated before making meeting active again. | OK |
|  |  |  |

# Complex Business Logic and Functionality

## User Registers for an event

### Purpose

|  |
| --- |
|  |
| When a user registers for an event, send an email to the user notifying they have registered for an event. |

### Inputs

|  |  |
| --- | --- |
| **#** | Data Input Items |
| 1 | Event Database |
| 2 | User Database |
| 3 | UserName |
| 4 | Date |
| 5 | Time |
| 6 | LocationName |

### Processing

|  |
| --- |
|  |
| The user registers for an event. This calls a back end database trigger. The trigger will generate an email with information generated for the event details. |

### Outputs

\*Numbers in parentheses represent inputs.

|  |  |  |
| --- | --- | --- |
| **#** | **Data Output Items** | **Expected results** |
| 1 | Email | The following email will be sent to the user.  Hi *FirstName*, Thank you for registering for *EventTitle*. The event will take place on *Date* from *StartTime* to *EndTime* at *LocationName* .  Any additional questions, please contact your event moderator at *owner@us.sogeti.com.* |

## Reminder email

### Purpose

|  |
| --- |
|  |
| One week before an event send a reminder email. |

### Inputs

|  |  |
| --- | --- |
| **#** | Data Input Items |
| 1 | Event Table |
| 2 | User Table |
| 3 | Event Name |
| 4 | UserName |
| 5 | Location |
| 6 | Date |
| 7 | Time |

### Processing

|  |
| --- |
|  |
| Every day around 2:00 AM a database job will look for events that are happening in either one week or within 24 hours.. Events that are found to happen in one week will have event attendees emailed a reminder. This reminder will inform the user that they are scheduled to attend an event in one week. Event details will be included in the email. |

### Outputs

\*Numbers in parentheses represent inputs.

|  |  |  |
| --- | --- | --- |
| **#** | **Data Output Items** | **Expected results** |
| 1 | Email | Hi *FirstName*, This is a reminder that in one week the *EventTitle* will take place on *Date* from *StartTime* to *EndTime* at *LocationName* .  Any additional questions, please contact your event moderator at *owner@us.sogeti.com.* |

## Event Expiration

### Purpose

|  |
| --- |
|  |
| After an event expires, set the event status as complete. |

### Inputs

|  |  |
| --- | --- |
| **#** | Data Input Items |
| 1 | Event Table |
| 2 | Event Date |

### Processing

|  |
| --- |
|  |
| Every day around 2:00 AM a database job will look for events that have a date that is in the past and status not set as complete. These events will be updated to be marked as complete. |

### Outputs

|  |  |  |
| --- | --- | --- |
| **#** | **Data Output Items** | **Expected results** |
| 1 | Event Status | The event status will be set as complete. |
|  |  |  |
|  |  |  |

# Data Definitions:

## Suggested Data Model

The model below was created by non-technical resources. This is for suggested as a starting point only.



## Data Model Details

### Event Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ref # | Control/ Field Name | Description | Data Type | REQ | Read Only |
| 1. | ID | Table Primary Key | Int | Y | Y |
| 2. | Title | Event Title | String | Y | N |
| 3. | Start Date | Start Date Time | Date Time | Y | N |
| 4. | Type ID | Key to Type Table | Int | Y | N |
| 5. | Description | Long description of an Event | String | Y | N |
| 6. | Owner ID | Key to User Table | String | Y | Y |
| 7. | Logo Path | Server Path to Logo File | String | N | N |
| 8. | Location | Location of Event | String | N | N |
| 9. | Status | Status of Event  0=Active  1=Cancelled  2=Complete | Integer | Y | Y |

### User Data

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ref # | Control/ Field Name | Description | Data Type | REQ | Read Only |
| 1. | Username | Email Address | String | Y | N |
| 2. | Password | User Password | String | Y | N |
| 3. | First Name | User First Name | String | N | N |
| 4. | Last Name | User Last Name | String | Y | N |
| 5. | Address 1 | Address | String | Y | N |
| 6. | Address 2 | Address or Suite | String | N | N |
| 7. | City | City | String | Y | N |
| 8. | State | Two character state abbreviation | String | Y | N |
| 9. | Zip | Zip Code | Integer | Y | N |
| 10. | Home Phone No | Home Phone | Integer | N | N |
| 11. | Cell Phone No | Cell Phone | Integer | N | N |
| 12. | Office Phone No | Office Phone | Integer | Y | N |
| 13. | Company Name | Company Name | String | Y | N |
| 14 | Branch/Location | Branch name | String | N | N |
| 15 | Food ID | Key to Food Table | Integer | Y | N |
| 16. | Additional Info | Free form text user wants added. | String | N | N |

### Registrations

A many to many relationship table to support who has registered for which events.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ref # | Control/ Field Name | Description | Data Type | REQ | Read Only |
| 1. | User ID | Key to User Table | Int |  |  |
| 2. | Event ID | Key to Event Table | Int |  |  |
| 3. | Type | Type of Registration  0 = Attendee  1 = Speaker  2 = Sponsor | Int |  |  |

### Event Type

A lookup table listing all Types of Events available.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ref # | Control/ Field Name | Description | Data Type | REQ | Read Only |
| 1. | ID | Table Key | Int |  |  |
| 2. | Type | Name of the Type | String |  |  |

### Food

A lookup table listing all Food type a user can select on the profile screen.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Ref # | Control/ Field Name | Description | Data Type | REQ | Read Only |
| 1. | ID | Table Key | Int |  |  |
| 2. | Food | Name of the Food | String |  |  |