**Wilderness Louisville**

**Use Case Specification: <Edit Calendar Event >**

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <16/Oct/20> | <1.0> | <Edit Calendar Event> | <Dustin Hubrich> |
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|  |  |  |  |

Table of Contents

1. Edit Event Use Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

<none>

3. Special Requirements 2

3.1 < Facebook > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

5. Post-conditions 2

5.1 < Website Update > 2

6. Extension Points 2

6.1 <none> 2

# Edit Calendar Events

## Brief Description

The purpose of the Edit Calendar Events use case is to describe how to edit events on the Wilderness Louisville site through Facebook, since the Facebook calendar will be integrated with the website

# Flow of Events

## Basic Flow

### Admin logs in to Wilderness Louisville Facebook

### Admin selects “Events”

1. Admin selects specific “Event”

### Admin edits the event information

1. Admin confirms event
2. Admin goes to Wilderness Louisville page
3. Admin selects the Event header
4. Admin confirms the site has updated the Facebook event

## Alternative Flows

### <none>

# Special Requirements

## < Facebook >

Facebook page is needed in order to actually add an event and have it integrated with the website.

# Pre-conditions

## < Internet Access >

In order to access the Event section on Wilderness Louisville’s website and Facebook page, internet access is required.

## < Accessing Site>

In order to access the Event section, the user admin must open Wilderness Louisville’s website

# Post-conditions

## < Website Update >

Check to make sure the website is being updated from the Facebook integration.

# Extension Points

## <Name of Extension Point>

**Wilderness Louisville**

**Use Case Specification: <Delete Calendar Event>**

Version <1.0>

Revision History

|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Delete Calendar Event Use-Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

<none>

3. Special Requirements 2

3.1 < Facebook > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

5. Post-conditions 2

5.1 < Website Update > 2

6. Extension Points 2

6.1 <none> 2

# Delete Calendar Events

## Brief Description

The purpose of the Delete Calendar Events use case is to describe how to delete events on the Wilderness Louisville site through Facebook, since the Facebook calendar will be integrated with the website

# Flow of Events

## Basic Flow

### Admin logs in to Wilderness Louisville Facebook

### Admin selects “Events”

1. Admin selects specific “Event”

### Admin deletes the event

1. Admin goes to Wilderness Louisville page
2. Admin selects the Event header
3. Admin confirms the site has updated the Facebook event

## Alternative Flows

### <none>

# Special Requirements

## < Facebook >

Facebook page is needed in order to actually add an event and have it integrated with the website.

# Pre-conditions

## < Internet Access >

In order to access the Event section on Wilderness Louisville’s website and Facebook page, internet access is required.

## < Accessing Site>

In order to access the Event section, the user admin must open Wilderness Louisville’s website

# Post-conditions

## < Website Update >

Check to make sure the website is being updated from the Facebook integration.

# Extension Points

## <Name of Extension Point>

**Wilderness Louisville**

**Use Case Specification: <Create Calendar Event>**

Version <1.0>

Revision History

|  |  |  |  |
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|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Create Calendar Event Use-Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

<none>

3. Special Requirements 2

3.1 < Facebook > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

5. Post-conditions 2

5.1 < Website Update > 2

6. Extension Points 2

6.1 <nonet> 2

# Create Calendar Event

## Brief Description

The purpose of the Create Calendar Events use case is to describe how to create events on the Wilderness Louisville site through Facebook, since the Facebook calendar will be integrated with the website

# Flow of Events

## Basic Flow

### Admin logs in to Wilderness Louisville Facebook

### Admin selects “Add Event”

### Admin fills the event information out (Street, City, State, Zip code, Date of Event, Start Time, End Time)

1. Admin confirms event
2. Admin goes to Wilderness Louisville page
3. Admin selects the Event header
4. Admin confirms the site has updated the Facebook event

## Alternative Flows

### <none>

# Special Requirements

## < Facebook >

Facebook page is needed in order to actually add an event and have it integrated with the website.

# Pre-conditions

## < Internet Access >

In order to access the Event section on Wilderness Louisville’s website and Facebook page, internet access is required.

## < Accessing Site>

In order to access the Event section, the user admin must open Wilderness Louisville’s website

# Post-conditions

## < Website Update >

Check to make sure the website is being updated from the Facebook integration.

# Extension Points

## <Name of Extension Point>

**Wilderness Louisville**

**Use Case Specification: <Edit Reservations>**

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <16/Oct/20> | <1.0 > | <Edit Reservation> | <Dustin Hubrich> |
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|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Edit Reservation Use-Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

2.2.1 < Fills out via email > 2

3. Special Requirements 2

3.1 < Reservation Tracking >

3.2 < Payment Management System > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

4.2 < Accessing Site > 2

4.3 < Email > 2

5. Post-conditions 2

5.1 < Database Update > 2

6. Extension Points 2

6.1 <Name of Extension Point> 2

# Edit Reservation

## Brief Description

The purpose of the Edit Reservation use case is to describe how a can edit their information regarding reservations with Wilderness Louisville through their form. This would happen if the user entered the wrong email address, phone number, date or time of reservation when filling out the reservation form.

# Flow of Events

## Basic Flow

### User calls employee

### User explains what field needs to be changed [First Name, Last Name, Email Address, Phone Number, Country, City, Home Address, Zip code, Credit Card Number, Credit Card Date, Credit Card CVC]

### Employee goes to specific reservation record

### Employee locates error

### Employee fixes error

### Employee submits fixed record to the database.

1. User ends phone call

## Alternative Flows

### < User Fixes the Error via Email >

* 1. User drafts an email to an employee
  2. User explains what field(s) are wrong [First Name, Last Name, Email Address, Phone Number, Country, City, Home Address, Zip code, Credit Card Number, Credit Card Date, Credit Card CVC]
  3. User sends email
  4. Employee opens and reads email
  5. Employee locates error
  6. Employee fixes error
  7. Employee submits fixed record to the database.
  8. Employee sends user an email confirming the error is fixed

# Special Requirements

## < Reservation Management System >

RecTrac will allow system administrators access to view and manage reservations. The admins can view the user’s first name, last name, email address, phone number, newsletter selection, billing information.

## < Payment Management System >

RecTrac also acts as a payment management system to validate credit cards. Once the user submits their information the payment management system handles the card verification and transfer of funds.

# Pre-conditions

## < Internet Access >

In order to access the donation form on Wilderness Louisville’s website Internet access is required.

## < Accessing database>

In order to access the reservation record the employee must open Wilderness Louisville’s website

## < Email >

The user must have an email address so that they can communicate with Wilderness Louisville.

## < Phone Number >

The user must have a phone number to enter so that Wilderness Louisville can follow up if there are problems or questions regarding their reservation.

# Post-conditions

## < Database Update >

After a field is edited and submitted the database is updated

# Extension Points

## <Name of Extension Point>

**Wilderness Louisville**

**Use Case Specification: <Delete Reservations>**

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <16/Oct/20> | <1.0> | <Delete Reservation> | <Dustin Hubrich> |
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|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Delete Reservation Use-Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

2.2.1 < Fills out via email > 2

3. Special Requirements 2

3.1 < Reservation Management System >

4. Pre-conditions 2

4.1 < Internet Access > 2

4.2 < Accessing Site > 2

4.3 < Email > 2

5. Post-conditions 2

5.1 < Database Update > 2

6. Extension Points 2

6.1 <Name of Extension Point> 2

# Delete Reservation

## Brief Description

The purpose of the Edit Reservation use case is to describe how a can edit their information regarding reservations with Wilderness Louisville through their form. This would happen if the user entered the wrong email address, phone number, date or time of reservation when filling out the reservation form.

# Flow of Events

## Basic Flow

### User calls employee

### User explains that they want to cancel their reservation

### Employee goes to specific reservation record

### Employee locates reservation record

### Employee deletes reservation record from the database

### User ends phone call

## Alternative Flows

### < User Fixes the Error via Email >

* 1. User drafts an email to an employee
  2. User writes that they want to cancel their reservation
  3. User sends email
  4. Employee opens and reads email
  5. Employee locates reservation record
  6. Employee deletes reservation record
  7. Employee sends user an email confirming the reservation has been canceled

# Special Requirements

## < Reservation Management System >

RecTrac will allow system administrators access to view and manage reservations. The admins can view the user’s first name, last name, email address, phone number, newsletter selection, billing information.

# Pre-conditions

## < Internet Access >

In order to access the donation form on Wilderness Louisville’s website Internet access is required.

## < Accessing database>

In order to access the reservation record the employee must open Wilderness Louisville’s website

## < Email >

The user must have an email address so that they can communicate with Wilderness Louisville.

## < Phone Number >

The user must have a phone number to enter so that Wilderness Louisville can follow up if there are problems or questions regarding their reservation.

# Post-conditions

## < Database Update >

After a field is edited and submitted the database is updated

# Extension Points

## <Name of Extension Point>

<Wilderness Louisville>

Use Case Specification: <Upload Map>

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <15/Oct/20> | <1.0> | <Upload Map> | <Dustin Hubrich> |
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|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Upload Map Use-Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

3. Special Requirements 2

3.1 < Map File > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

5. Post-conditions 2

5.1 < Website Update > 2

6. Extension Points 2

6.1 <None> 2

# Upload Maps

## Brief Description

The purpose of the Upload Map use case is to describe how upload maps on the Wilderness Louisville site.

# Flow of Events

## Basic Flow

### Admin logs goes to Wilderness Louisville

### Admin selects “Information” header

### Admin selects the “Jefferson Memorial Forests” section

1. Admin selects “upload”
2. Admin selects map to upload
3. Admin selects upload
4. Admin confirms the site has uploaded the new map

## Alternative Flows

### <none>

# Special Requirements

## < Map File>

Needs a map file to upload.

# Pre-conditions

## < Internet Access >

In order to access the Jefferson Memorial Forest section on Wilderness Louisville’s website and Facebook page, internet access is required.

## < Accessing Site>

In order to access the Jefferson Memorial Forest section, the user admin must open Wilderness Louisville’s website.

# Post-conditions

## < Website Update >

Check to make sure the website is being updated after the upload.

# Extension Points

## <Name of Extension Point>

< Wilderness Louisville >

Use Case Specification: <Create Reservation>

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <15/Oct/20> | <1.0> | <Create Reservation > | <Dustin Hubrich> |
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|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Create Reservation Use Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

2.2.1 < User Does not fill out a field > 2

2.2.2 < Second Alternative Flow > 2

3. Special Requirements 2

3.1 < Reservation Tracking >

3.2 < Payment Management System > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

4.2 < Accessing Site > 2

4.3 < Email > 2

5. Post-conditions 2

5.1 < Payment Management System > 2

6. Extension Points 2

6.1 <Name of Extension Point> 2

# Create Reservation

## Brief Description

The purpose of the Create Reservation use case is to describe how a user visiting the website will make reservations with Wilderness Louisville through their form. This form will allow users to select what time and facility they want.

# Flow of Events

## Basic Flow

### User selects “Reservations” header

### System displays existing “Facility’s”

### User selects “Facility” and the time period of reservations

1. If the “Facility” is available
   1. Customer submits “Facility” selection

### If the “Facility” is reserved at the specified time

### A warning message is shown, and user starts over at step 2

### System requests customer information [First Name, Last Name, Email Address, Phone Number, Country, City, Home Address, Zip code, Credit Card Number, Credit Card Date, Credit Card CVC]

### User fills out customer information

1. System sends credit card information [credit card number, first name, last name, expiration date, CVC] to RecTrac to validate credit card
2. If card is not validated
   1. Repeat step 7
3. If card is validated
   1. System displays a message confirming the new reservation and its details
   2. System sends customer an email confirming the reservation and its details

## Alternative Flows

### < User Does not fill out a field >

* 1. System does not process transaction
  2. System highlights missing field(s) red
  3. User enters missing field(s)
  4. User submits reservation

# Special Requirements

## < Reservation Tracking (RecTrac) >

RecTrac will allow system administrators access to view and manage reservations. The admins can view the user’s first name, last name, email address, phone number, newsletter selection, billing information.

## < Payment Management System >

RecTrac also acts as a payment management system to validate credit cards. Once the user submits their information the payment management system handles the card verification and transfer of funds.

# Pre-conditions

## < Internet Access >

In order to access the reservation form on Wilderness Louisville’s website Internet access is required.

## < Accessing Site>

In order to access the reservation form the user must open Wilderness Louisville’s website

## < Email >

The user must have an email address so that Wilderness Louisville can sign them up for the newsletter, if selected, and send them a receipt of their reservation.

## < Phone Number >

The user must have a phone number to enter so that Wilderness Louisville can follow up if there are problems or questions regarding their reservation.

## < Address >

The user must enter an address for billing purposes.

## < Credit or Debit Card >

In order to place the reservation the user must have a valid credit or debit card as well as the corresponding information.

# Post-conditions

## < Payment Management System (RecTrac) >

The user enters payment and billing information that is sent to, confirmed by, and managed through PayPal.

## < Reservation Confirmation >

After the “Submit” button located at the end of the form is selected the user is sent to a confirmation page that explains that the user will be receiving a confirmation email shortly.

## < Reservation Error>

If all fields are entered, but the payment does not go through an error page appears encouraging the user to try again with a different method of payment.

# Extension Points

## <Name of Extension Point>

<Wilderness Louisville>

Use Case Specification: <Delete Map>

Version <1.0>

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <15/Oct/20> | <1.0> | <Delete Map> | <Dustin Hubrich> |
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|  |  |  |  |
|  |  |  |  |

Table of Contents

1. Delete Map Use-Case 2

1.1 Brief Description 2

2. Flow of Events 2

2.1 Basic Flow 2

2.2 Alternative Flows 2

3. Special Requirements 2

3.1 < Map File > 2

4. Pre-conditions 2

4.1 < Internet Access > 2

5. Post-conditions 2

5.1 < Website Update > 2

6. Extension Points 2

6.1 <None> 2

# Delete Maps

## Brief Description

The purpose of the Delete Maps use case is to describe how delete maps on the Wilderness Louisville site.

# Flow of Events

## Basic Flow

### Admin logs goes to Wilderness Louisville

### Admin selects “Information” header

### Admin selects the “Jefferson Memorial Forests” section

1. Admin selects “Map”
2. Admin selects map to Delete
3. Admin selects “Delete Map”
4. Admin confirms the map is deleted when the site is updated

## Alternative Flows

### <none>

# Special Requirements

## < Map File>

Needs a map file to upload.

# Pre-conditions

## < Internet Access >

In order to access the Jefferson Memorial Forest section on Wilderness Louisville’s website and Facebook page, internet access is required.

## < Accessing Site>

In order to access the Jefferson Memorial Forest section, the user admin must open Wilderness Louisville’s website.

# Post-conditions

## < Website Update >

Check to make sure the website is being updated after the deletion.

# Extension Points

<Name of Extension Point>

Use Case Diagram:

The site visitor has the capability to Create, Edit and Delete Reservations.

Employees have the ability to Edit and Delete Reservations.

Employees have the ability to Create, Edit and Delete Calendar Items.

Diagram

Description automatically generatedEmployees have the ability to Upload and Delete Maps.

Create Calendar Event:

Graphical user interface, text, application, email

Description automatically generated

Edit Calendar Event:

Graphical user interface, text, application, email

Description automatically generated

Delete Event:A picture containing application

Description automatically generated

Create Reservation:A picture containing text

Description automatically generated

Edit Reservation:A picture containing table

Description automatically generated

Delete Reservation:Graphical user interface, text, application

Description automatically generated

Upload Map:Graphical user interface, text, application, email

Description automatically generated

Delete Map:

Map

Description automatically generated

Class Diagram:

The Reservation and Event classes have 3 sections; one for creating, one for editing, and one for deleting. The Map class has 2; one for uploading a map and one for deleting a map. To create a Reservation, the user has to enter all of the information in the attribute sections of the create a Reservation class, submit the information and wait for confirmation of completion. To edit a Reservation, the employee has to find the reservation, edit the information, update the reservation, and wait for confirmation. To delete a reservation the employee needs to find the reservation, select it, delete it, and wait for confirmation.

To create an Event, the user has to enter all of the information in the attribute sections of the create an Event class, submit the information and wait for confirmation. To edit an Event, the employee has to find the Event, edit the information, update the reservation, and wait for confirmation. To delete an Event the employee needs to find the reservation, select it, delete it, and wait for confirmation.

To upload a map, an employee has to select the Information header then the Jefferson Memorial Forest section. Then upload the map file of their choice and wait for confirmation. To delete a map, an employee has to select the Information header then the Jefferson Memorial Forest section, select the map file, delete it and wait for confirmation.

Diagram

Description automatically generated

Sequence Diagrams:

Create Event:

A picture containing chart

Description automatically generated

Edit Event:

Chart

Description automatically generated

Delete Event:

Chart, diagram

Description automatically generated

Create Reservation: A picture containing chart, diagram

Description automatically generated

Edit Reservation:

A picture containing diagram

Description automatically generated

Delete Reservation:

Chart, diagram

Description automatically generated

Upload Map:

Chart, box and whisker chart

Description automatically generated

Delete Map:

Chart

Description automatically generated