Version <1.0>

Revision History

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| --- | --- | --- | --- |
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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 clicks “Reservations” header

### System shows existing “Facility’s”

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

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

### 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>