Tour Booking System for Wordpress CMS

Company Background

Walk into Luxury is a walking tour operator for the Cape to Cape Track near Perth in Western Australia. (http://capetocapewalk.com.au/)

Requirements

An online Booking system that lets visitors on the website book and pay for a tour. We would prefer to avoid implementing Woo-commerce unless it's necessary. All we need is a checkout page to capture details and send to eWay (payment gateway) in addition to a module that keeps records of bookings and available inventory.

Deliverables

1. Tour Booking Module/Plug-in for Wordpress CMS

The booking system must integrate with an existing Wordpress CMS. Essentially, this module is to keep track of how many bookings are made and how many villas are available every week the tour season is active.

2. Booking and Checkout page on website

There will be a Tour Booking page and Checkout page that we will create. Your task will be to integrate these pages to work with the Tour Booking Module.

3. Integration with eWay for online payment

Pay for booking via eWay (a payment gateway like Paypal) and then redirected back to a thank you page on our site.

4. XML Feed Format

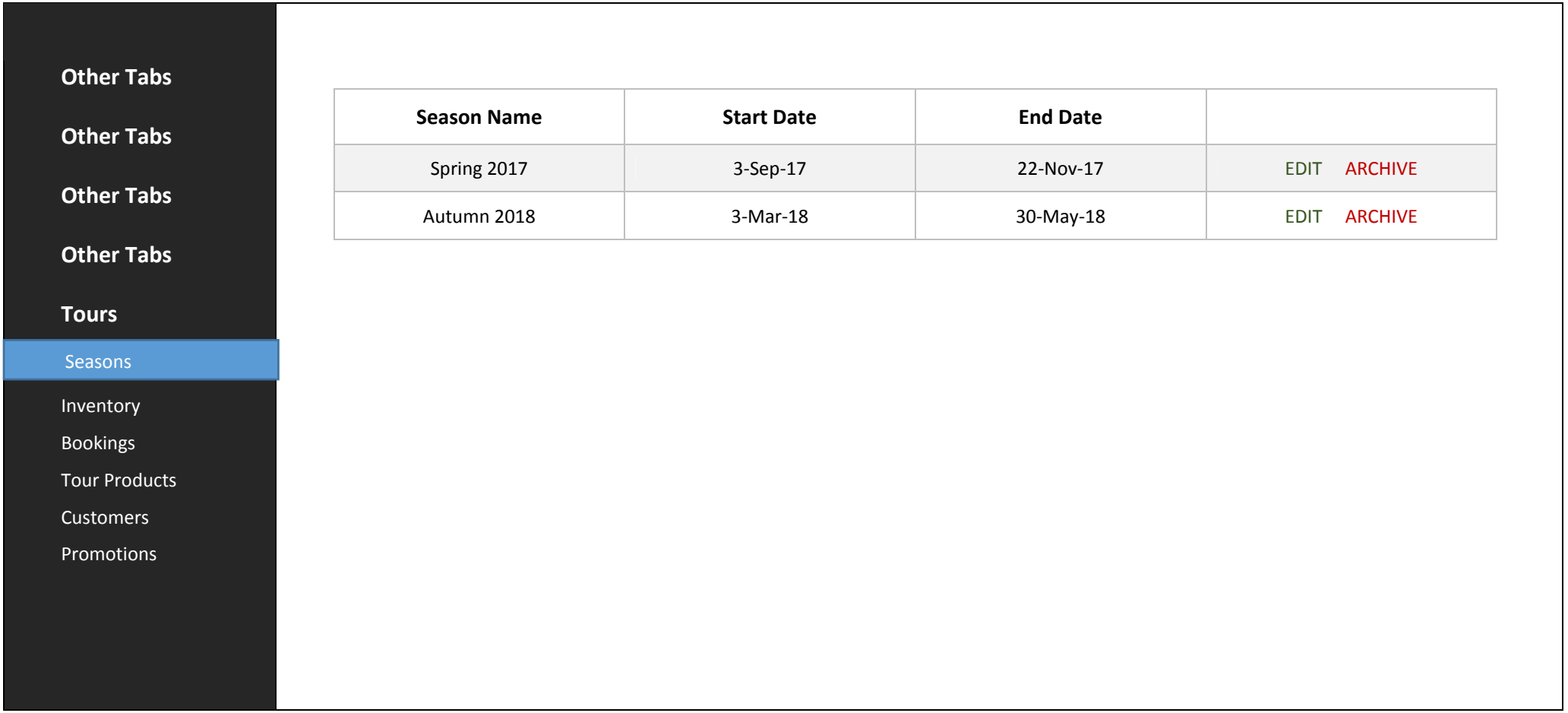
Need to produce and XML feed for Great Walks of Australia website (http://greatwalksofaustralia.com.au) showing our available villas every week the season is active

Terminology

- **Season:** Determined by the start and end date.
- **Tour:** The tour is 4 days and operates every week of the season. The number of tours running per week depends on the number of bookings made for that week.
- **Rates:** There is a Single Share rate ($2890 per person) and a Twin Share Rate ($2490 per person).
- **Inventory:** 1 Villa represents 1 item of stock in our inventory. Each Villa has 2 rooms and can accommodate up to a maximum of 4 guests (in a variety of Twin and Single Share combinations).
- **Booking:** A booking is considered made when the Guest selects tour dates, Provides the number of Single and/or Twin Share guests and makes payment to secure booking
- **Supplementary Payment:** Required if booking odd number of guests (eg 1, 3, 5 or 7)

Tour Booking Module – Seasons Screen

To edit and add new seasons



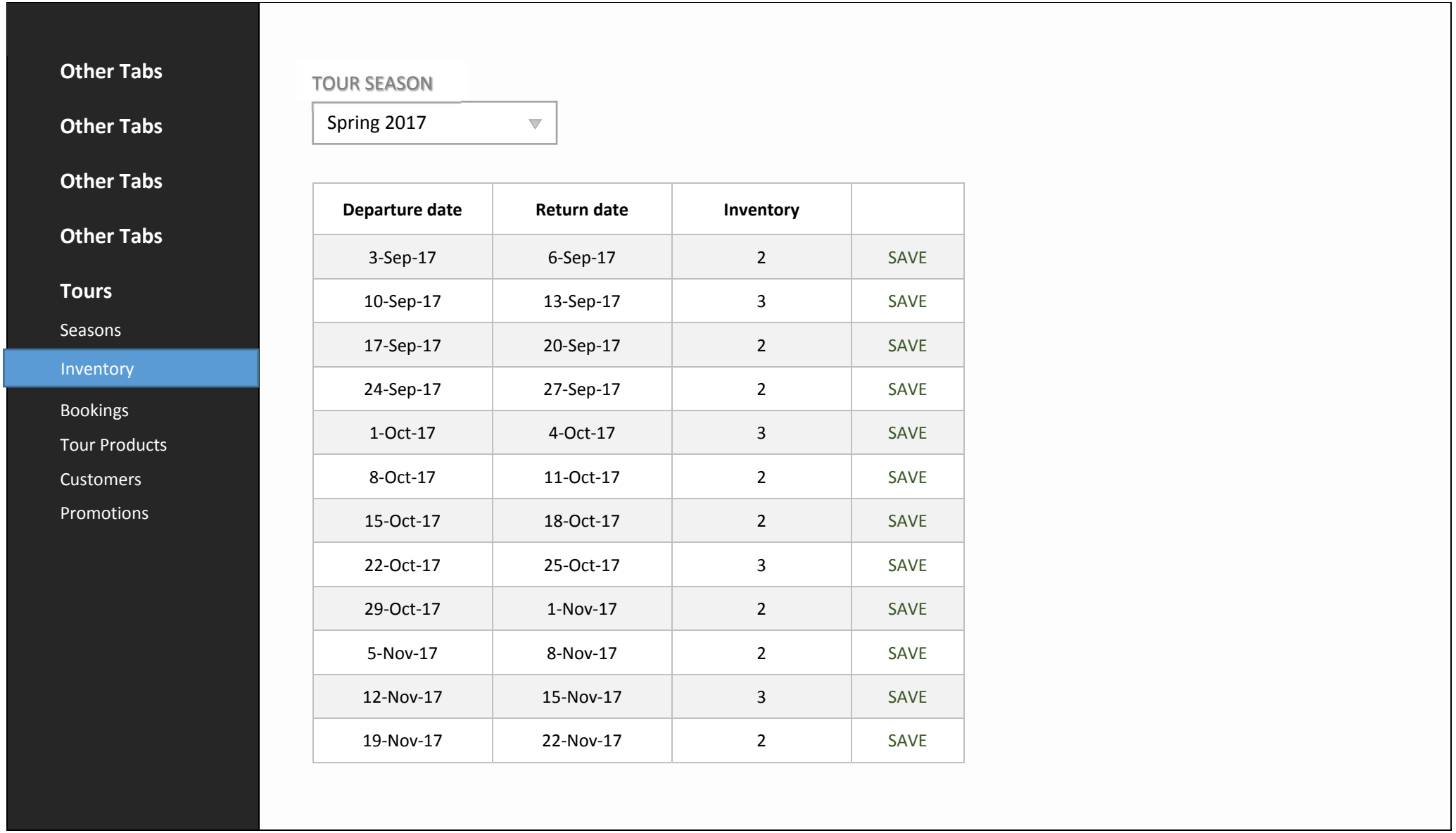
When Saving a new season, we would like a function that would automatically populate the inventory table. The data to be added are the Departure_date, Return_date and inventory. The number of rows required will be determined by the number of weeks contained within a season.

The day of departure is the same every week. That means if the tour starts on Monday then every tour will start on Monday too. Therefore, the Departure_date for each row can be determined by what day the first tour starts on. Each tour lasts 4 days which will also determine the Return_date for each row. Default inventory number is 3.

Ideally, the function would populate the table and we would be able to access that in the Inventory screen

Tour Booking Module – Inventory Screen

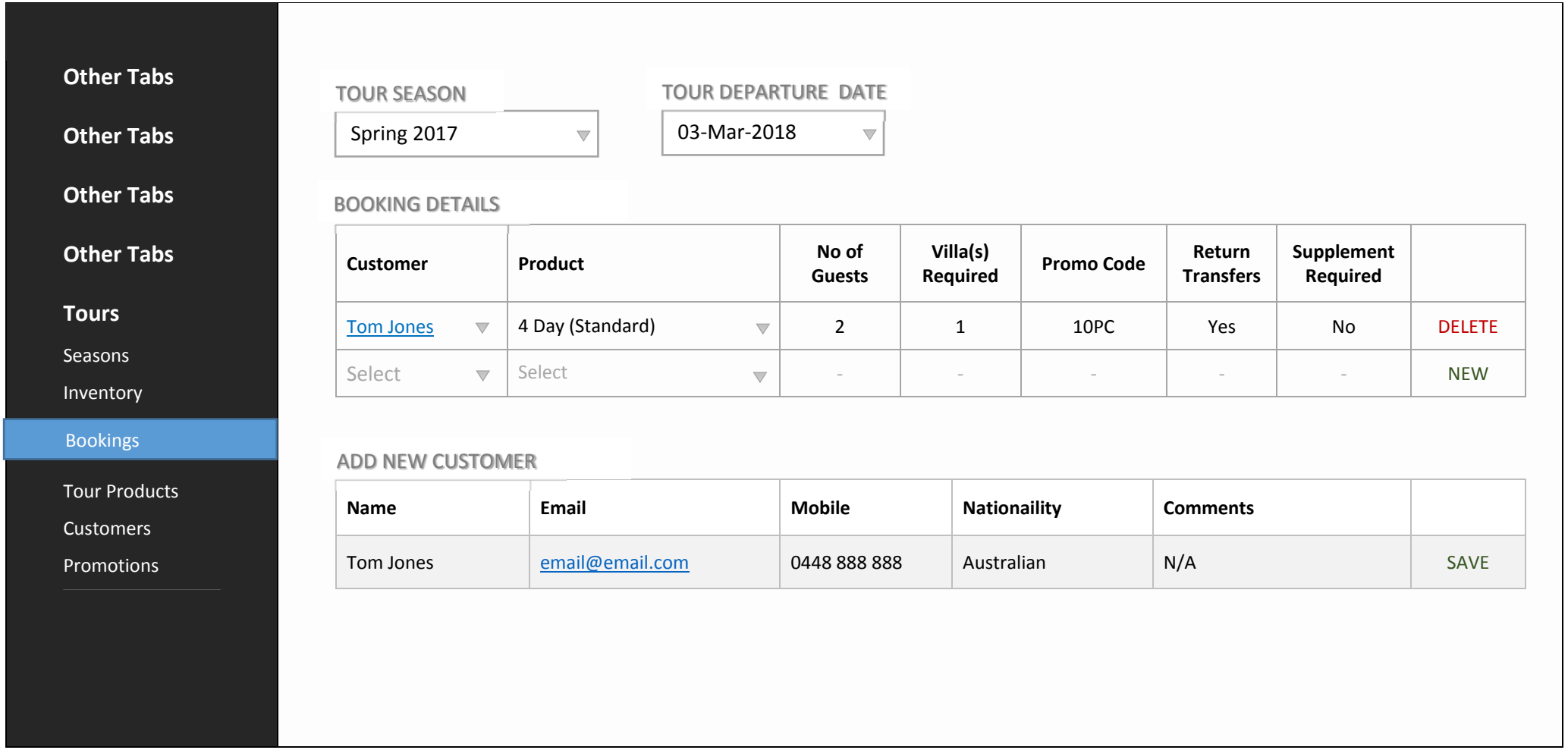
To edit inventory levels of villas available for each season



Departure date	Return date	Inventory	
3-Sep-17	6-Sep-17	2	SAVE
10-Sep-17	13-Sep-17	3	SAVE
17-Sep-17	20-Sep-17	2	SAVE
24-Sep-17	27-Sep-17	2	SAVE
1-Oct-17	4-Oct-17	3	SAVE
8-Oct-17	11-Oct-17	2	SAVE
15-Oct-17	18-Oct-17	2	SAVE
22-Oct-17	25-Oct-17	3	SAVE
29-Oct-17	1-Nov-17	2	SAVE
5-Nov-17	8-Nov-17	2	SAVE
12-Nov-17	15-Nov-17	3	SAVE
19-Nov-17	22-Nov-17	2	SAVE

Tour Booking Module – Bookings Screen

Edit existing bookings and Make new bookings.



1. To make a new booking the user must: 1) Select Tour Season -> 2) Select Departure Date -> 3) Fill in booking Details

2. Instead of navigating to the Customers screen we would like to add a new customer from this screen as well. Ideally, when you Save the new customer a new row is created in Booking Details (if there is available inventory) and auto populate the Customer field.

Tour Booking Module – Tour Products and Promotions Screen

We didn't provide examples for these screens but they need to be created. Please refer to Tables diagram below to determine the fields.

Tour Booking Module – Customers

Refer to Customer table below for fields. We would also like to see the booking history of our customers in this screen.

Tables for Tour Booking Module

tbl Season:

Season ID	Season Name	Season Start Date	Season End Date

tbl Inventory

Inventory ID	Departure Date	Return Date	Inventory Villas	Season ID FK

tbl Customer:

Cust ID	Cust Name	Cust Email	Cust Mobile	Cust Nationality	Cust Comments

tbl Products

Product ID	Product Name	Product Rate	Supplement Rate	Return Transfer Rate

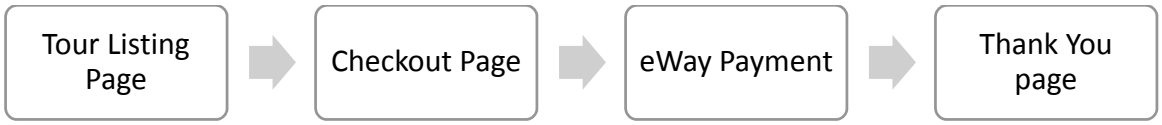
tbl Promotions

Promo ID	Promo Code	Promo Percentage Rate	Promo Description

tbl Bookings

Booking ID	Guests Booked	Villas Required	Return Transfer Required	Supplement Required	Product ID FK	Cust ID FK	Inventory ID FK

Tour Listing and Checkout page integration



We want something like twelveapostleslodgewalk.com.au (click the BOOK NOW button). Our page will resemble theirs (see mockup below) and be created for you. All we require is for you to integrate the Listing and Checkout pages with the Tour Booking Module.

Mockup of Tour Listing webpage

First name	Surname	Email	Mobile	Nationality
Eg Tom	Jones	Tom.jones@gmail.com	0413xxx	Australian

No of Adults	No of Children
2	1

Departure date	Rate per person (twin share)	Single room supplement	Total booking cost	Availability
10 Sept 2017	$2490	Yes / No	$4980	Book Now
17 Sept 2017	$2490	Yes / No	0	**Enquire Now**
24 Sept 2017	$2490	Yes / No	0	Book Now
27 Dec 2017	$2890	Yes / No	0	Book Now

Integration instructions for Tour Listing Page

Need to filter Departure dates by month and year

Availability for each row will show as **Enquire now** if:

- Current date is less than 30 days of the departure date
- there is no inventory available for that Departure date

Inventory will decrease determined by the number of guests booked

- If No. Guests between 1-4, then decrease inventory by 1
- If No. Guests between 5-8, then decrease inventory by 2