# Project Proposal for GoJupiter.com

# Team

Ingenuous Engineers

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# Executive Summary

GoJupiter.com will be a new travel-based website offering once-in-a-lifetime opportunities to enjoy exciting and unique trips to the planet Jupiter. GoJupiter.com has partnered with SpaceX to provide an affordable and unique travel experience for people of all ages. GoJupiter.com is the first site to offer travel destinations to a place not of this Earth. Adventurers of any age can visit Jupiter and be the first to see all the natural beauty the gas giant has to offer. Take a relaxing trip to one of the many beautiful beaches or visit a planet park for some otherworld nature. If travelers want to see the indigenous life, then Jupiter MicroZoo is the place to visit. Are there visitors who always wanted to see what the hurricane in Jupiter’s red eye is really about? GoJupiter.com has trips that will take them to the center of the massive storm so they can experience a hurricane like no other. GoJupiter.com also offers trips to the four largest moons of Jupiter, if gas is not someone’s thing. Travelers can enjoy individual moonwalks on IO, Europa, Ganymede, and Callisto; or they can package a trip for up to all four moons. GoJupiter.com will make it easy for people of all ages to plan a trip to the gas giant. Whether it is a quick tour or an extended stay, GoJupiter.com can tailor a package to suit all needs. No friends or family? No problem. GoJupiter.com has exclusive singles trips that will provide a nightlife experience not found on Earth or anywhere else in the solar system.

# Competitive Analysis

Unlike other competitors, GoJupiter.com offers a travel experience “out of this world.” Other competitors provide their clients with the opportunity to explore travel attractions around the world, but that is where it stops. GoJupiter.com is proud to be the first travel advisory site to offer customers the chance to visit a distant planet, specifically Jupiter. On GoJupiter.com, customers can search the attractions of Jupiter, read/write reviews based on experiences, and schedule travel arrangements. Most travel advisory sites offer travel accommodations in the form of Airliners. GoJupiter.com sports a partnership with SpaceX, transporting its clients on the JupiterXpress space shuttle.

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| --- | --- | --- | --- | --- | --- |
| **Company** | **Hotels** | **Destinations** | **Earth Travel** | **Rentals** | **Off World** |
| GoJupiter.com | **X** | **X** | **X** | **X** | **X** |
| Priceline | **X** | **X** | **X** | **X** |  |
| Expedia | **X** | **X** | **X** | **X** |  |
| Booking | **X** | **X** | **X** | **X** |  |

# Overview and Scenarios

There are many useful sites that cater to the needs of the traveler whether business or personal, price comparison, offering deals, and bundling travel expenses such as hotel, travel, and car into one package. None of these sites offer off world travel. All of today’s travel sites only concentrate on what a customer can do on Earth. There is so much more out there than just Earth. GoJupiter.com gives people a travel experience outside of Earth. This site is opening the realm of off world travel: a first of its kind adventure that everyone has always dreamed about and only a select few have been able achieve. With GoJupiter.com, the chance to travel to the stars is now available for anyone and everyone.

Upon entering GoJupiter.com, customers will have full access to the site. Customers can use drop down menus to see the variety of trip options available to them. The drop down menus will provide quick and easy access to each individual type of trip available to them. If the customer wishes to see what is available on a beach trip, then selecting that option in the drop down menu will direct them to an information page about Jupiter’s beaches. The same will be true for all the other options in the drop down menus. This way, the customer will have an easy method to traverse all the travel options available to them so they can best decide how to tailor their fun on Jupiter.

While a customer is looking at a travel destination, such as the Jupiter beaches, the page will show them all the amenities that tour will offer. The page will show pictures of their destination as well as links to dedicated websites (external from GoJupiter.com) that will provide intricate details of that destination. This will provide the customer with a full and rich experience about the destination they are considering for travel. If a customer decides on a location to travel, then they can select the booking option button to be directed to the booking site or, if the customer is not ready to book a tour and they prefer to do more browsing, they are free to do so at any time.

Another great feature of GoJupiter.com is the trip review and rating process. While looking at any travel destination, all current and prospective customers of GoJupiter.com can see what other travelers thought of that trip or tour. All registered customers of GoJupiter.com can rate and comment on any trip they have taken. If a customer does not like the beach trip, then let GoJupiter.com know. GoJupiter.com takes the customer ratings and reviews very seriously. GoJupiter.com wants everyone to have an “Out Of This World” experience. At the same time, let GoJupiter.com know what was outstanding about any of the trips or tours.

Once a customer selects a destination and has arrived at the booking page, they will be able to select the number of people going on the trip, the class of travel on the flight, and the dates of travel. When a customer has made their selections, a trip price will be made available to them at that time. If they prefer to do more shopping to add to their trip, then the customer will have that option and their current trip information will be retained. If the customer chooses more trip options, then their trip itinerary will be updated with the price. Once the customer is done shopping for trip and tour destinations, they can select the checkout button and purchase their trip. If they decide at any time they do not want to take the trip, all they have to do is select the “Clear Itinerary” button or exit GoJupiter.com.

When purchasing a trip, GoJupiter.com will allow first time users to develop a secure account. Repeat customers will find account access is as easy as a User Login and Password. Customers will have a login ID and password only. GoJupiter.com will not store any credit card information. GoJupiter.com prefers to keep the customer’s identity as safe as possible. Trips to the planet Jupiter are not cheap and are usually a once in a lifetime chance for a person or family. Why take the chance of someone else using personal credit card information to book an out of this world trip on someone else’s dime? GoJupiter.com does not want that to happen anymore than the customers do, there is no saved personal information on the GoJupiter.com database or servers, only a user login and password.

When a customer decides to checkout and pay for a trip, they will input their payment information at that time. After the customer inputs their payment information, they can then select the “Book Now” option and their trip will be processed and reserved for them. They will receive a reservation number at that time and then given the option to shop for another trip or log off the site. Once a customer logs off GoJupiter.com, deleting credit card information gives them peace of mind.

# Functional Requirements

1. Login Page
2. Main Page
3. Trip Pages
   1. Beaches
   2. Parks
   3. Jupiter’s Red Eye
   4. Jupiter’s Moons
   5. Theaters
   6. Night Life
4. Ratings and Reviews
5. Booking Page
6. Checkout Page

# Non-Functional Requirements

1. Accessibility - The website will be accessible on any up-to-date versions of the following web browsers:
   1. Internet Explorer
   2. Safari
   3. Chrome
   4. FireFox
2. Usability - The site will cater to all levels of computer literacy. The user interface will be very friendly, modern, and simplistic.
3. Storage – Our data will be stored on a server-side database.
4. Expected load – to control site activity and performance, there will be a limit of 100 instantaneous users.
5. Availability – Our site will be available to the general public.

# System Development Infrastructure

Software products:

* Basalmiq
* MySQL (via phpMyAdmin)
* GitHub
* SourceTree

Systems:

* Mac
* Windows

Languages:

* HTML
* JavaScript
* CSS
* PHP
* XML

# Deliverables

The following list contains the items GoJupiter.com will deliver during the build of this website:

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverable** | **Priority** | **Due date** | **Completion Date** |
| Data Collection-Imaginary Attractions | High | 7 Jul 2015 | 7 Jul 2015 |
| Data Collection-The Town of Jupiter | High | 7 Jul 2015 | 7 Jul 2015 |
| Data Collection-The Planet of Jupiter | High | 7 Jul 2015 | 7 Jul 2015 |
| Home Page Launch | Medium | 15 Jul 2015 | 15 Jul 2015 |
| Header/Footer Development | Medium | 15 Jul 2015 | 15 Jul 2015 |
| Review Attractions Page | Medium | 28 Jul 2015 |  |
| Book Flight Page | Medium | 28 Jul 2015 |  |
| Login Page | Medium | 28 Jul 2015 |  |
| Database Construction | Medium | 28 Jul 2015 |  |
| Attraction Page-Roger Dean Stadium | Low | 11 Aug 2015 |  |
| Attraction Page-Jupiter Eye of the Storm Tour | Low | 11 Aug 2015 |  |
| Attraction Page-Visit the Moons of Jupiter | Low | 25 Aug 2015 |  |
| Attraction Page-Jupiter Beaches | Low | 25 Aug 2015 |  |
| Attraction Page-Jupiter Micro Zoo | Low | 25 Aug 2015 |  |
| Attraction Page-Jupiter Night Life | Low | 8 Sep 2015 |  |
| Limit Concurrent Users to 50 | Low | 8 Sep 2015 |  |
| Specials Page | Low | 8 Sep 2015 |  |
| Contact Page | Low | 22 Sep 2015 |  |
| About Page | Low | 22 Sep 2015 |  |