**TRAVEL META SEARCH**

**MODULE**

**SUMMER HOUSES**

**REQUERIMIENTS**

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| **TECHNOLOGY** | MEAN: MONGO, EXPRESS, ANGULAR and NODE.js.  API INTEGRATION |
| **AWS EXPERT** | Setting Server AWS. You need to be expert implementing in Amazon AWS |
| **EXPERIENCE** | Api Rest, JSON, MYSQL |
| **SOFTWARE MANAGEMENT TOOL** | You need to have a software manager tool to track task by task. |
| **DNA CONFIDENTIALITY** | You need to sign a DNA. The Developer shall not disclose to any third party the business of the Client, details regarding the Software, including, without limitation any information  regarding the Software’s code, the Specifications, or the Client’s  business (the “Confidential Information”), (ii) make copies of any Confidential Information or any content based on the concepts  contained within the Confidential Information for personal use or for distribution unless requested to do so by the Client, or (iii)  use Confidential Information other than solely for the benefit of the Client. |
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| **TRACKING WORK** | If it is necessary we are going to install time doctor or similar in the team. |
| **DAILY UPDATE** | We are interested to work close the team. Meeting with developer if needed in presence of Project Manager to avoid any language constraints. Dedicated project manager to take care of your need. |

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| **SCOPE OF WORK** |  |

**A. Front-end Functionalities**

**1. Sitewide common functionalities**

i. All search results obtained from 3rd party sites will be stored in MongoDB for the admin’s future reference.

ii. Multiple language functionality in the front-end required. Provision in the Admin will be made for dynamic data in various languages. Initially this information could come from the skyscanner API

iii. Multiple currency functionality needs to be implemented in the front-end provided the client provides the API for currency conversion. . Initially this information could come from the skyscanner API

iv Multicountry functionality needs to be implemented for different domains.

iv There are some modules done in php we need to integrate both languages. We need to talk about it and I need to explain. For example Some areas of backend is done in PHP, frontend and api request will be done with node.

**Summer Houses**

i. The result-set for the search of Summer Houses will be extracted from siteS like HomeAway, booking.com and HomeStay using their own API.

ii. The user should be able to search on fields:

 Location

 Check In

 Check Out

 Guest

 Rooms

iii. The user should be able to save the Summer House options in a basket so that the visitor can create Custom Package.

iv. The system will need to compare the information in the same result set obtained from different APIs.

v. We need to create two pages for the summer houses module:

Result page & detail page.

DETAIL MOCKUP for detail page.

http://lowcost.com.ar/go/holiday-detail.html

References Website:

https://www.hometogo.com/

for Backend you need to use this template in Angular

https://startangular.com/product/sb-admin-angular-theme/

**BACKEND**

**Manage Information (Detail Page)**

i. This section will allow the Admin to enter information related to vacational rental descriptions, amenities, etc. This has relationship to the front-end modules. The retrieved result-set from the 3rd party site using API needs to be related with the information in the system’s database to show the details like description, facilities, etc. to the user in the front-end.

**Resume**

* Search screen implementation
* 3 API's integration
* Result display
* Filters results
* View Vacation Retal details
* Mark as favorite (save for custom Package)
* Share
* Multilanguage
* Multi-currency
* Redirecting the user to the respective website for booking'
* Getting booking iD after booking
* Rate/review/feedback
* UI Result Page (I will give you