Juniper Tours

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Juniper tours is a travel booking website that is responsible for booking tours for travelers. The client is looking for a **builder / Configurator** that will be able to link with the existing systems and provide them with the enhanced functionalities that are discussed below.

Modules of Configurator:

1) Booking Module:

The booking module will be responsible for fetching data from hotels, flight schedules, and other reservation related data associated with the booking of hotels. I will be displayed to the front-end for the user to select from the list of available rooms.

   a) Flight schedule & Availability (Flight vendors)
   b) Hotel availability based on schedule & number of nights (hotel vendors)
   c) Number of Travelers

2) Price Calculation Module

The price calculation module will be responsible for providing the user with various options to select their tour, cities, night stays and at each point the price will be calculated by the system.

   a) Calculate price based on Flight Schedule, Vendor & Availability *(if Selected)*
   b) Calculate price based on total passengers
   c) Calculated price based on hotel selected & number of night stays
   d) Calculate price based on activities *(Tours, guided tours, chauffeur booking etc)*

3) Activities Module

This module is for the admin of Juniper Tours. With this module the admin will be able to add the activities and the price against the activity.

   a) Activity name and Description

b) Activity time (hours) not necessary. This is for guided tours.

c) Price

4) APIs Module (Backend)

This module will be responsible for connecting the **hotel services provider**, **flight services provider** with the existing system. The system will fetch all the data from the APIs, and show it on the front-end.

a) Hotel Service Provider APIs

b) Flight Service Provider APIs

c) Land Transporter Service Provider APIs

Timeline:

UI/UX Designing, Development of UI Design & Modules

Phase 1	Feature	Working Days
Phase 1		
—	UI/UX Design	5 Days
—	Development of UI Design (Vue JS)	14 Days
—	Fetching Information from APIs	6 Days
—	Storing Information	11 — 12 Days
—	Price Calculation	8 Days
—	Testing & Bug Fixes	3 Days
Total Days	—	47 — 48 Working Days

Phase 2	Feature	Working Days
Phase 2		
—	Document Generation	12 Days
—	Saving & Sending the Document	6 Days
—	Testing & Bug Fixing	2 Days
Total Days	—	20 Working Days

Phase 3	Feature	Working Days
Phase 3		
—	Converting Quote to Booking	6 Days
—	Deployment & Integration in Existing System	18 — 20 Days
Total Days	—	24 — 26 Working Days

Total Timeline: All Milestones

Total Time	—	93 — 94 Working Days

Tech Stack:

Module	Technology
Front-end	Vue JS
Backend	Laravel

Note:
This timeline may extend on both ends based on the actual requirements.