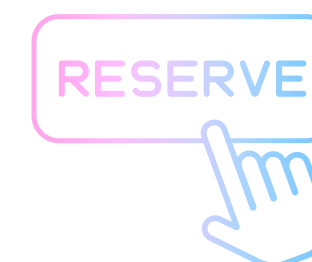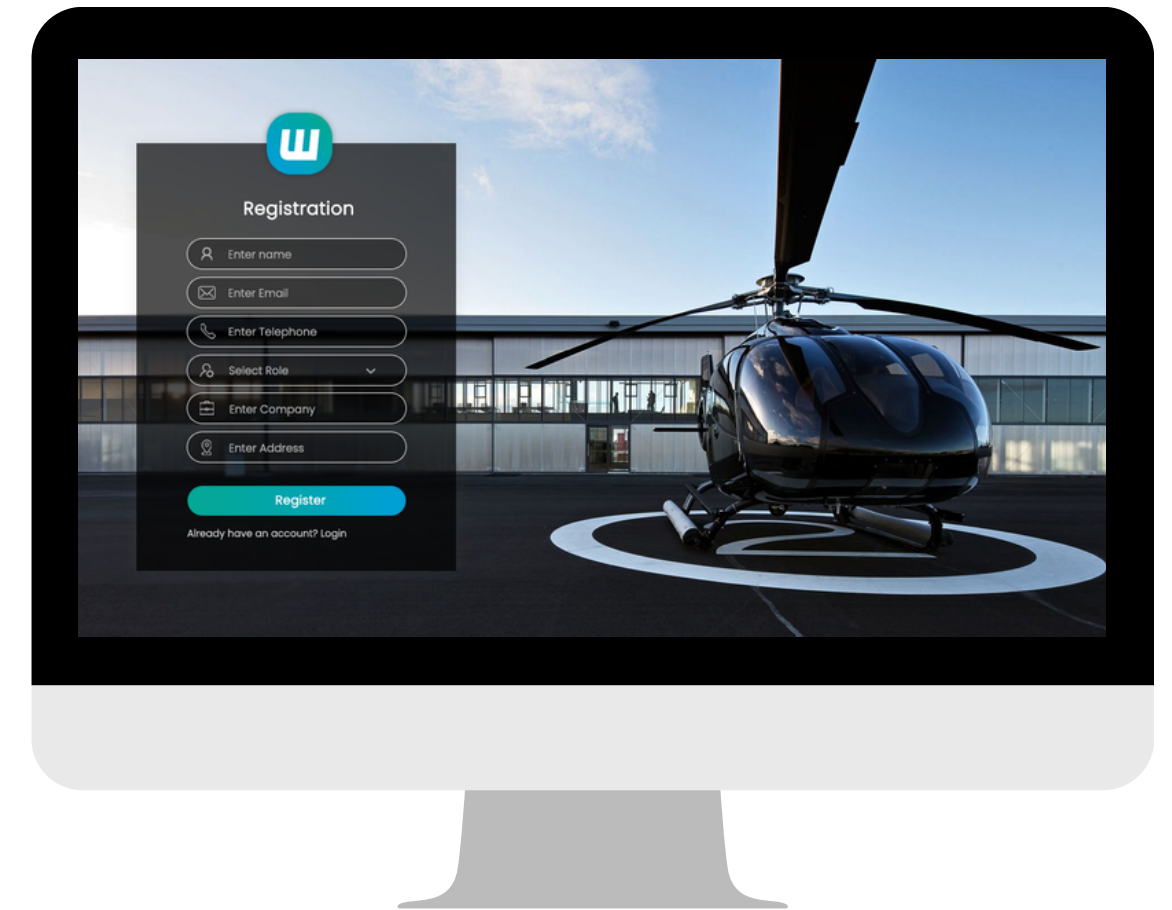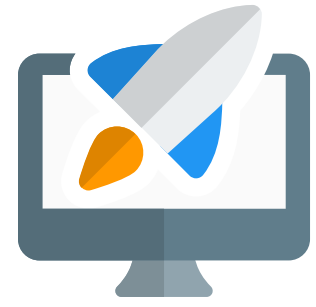iGNEK
DRIVING DIGITAL SOLUTIONS

Helicopter Reservation Portal

It is a Reservation Web Portal. It is developed to manage all operations of Helicopter reservation and payments.

About client :

Client has 15 years of experience in providing aviation services to support aviation events (drones, hot air balloons, air races, air displays, special events, and all aerial filming) throughout the Middle East and Asia region.

RESERVE

BUSINESS REQUIREMENTS :

Solution should allow customers to search the Heliports from google map and make reservations.

Solution should allow us to manage all kinds of payments for the reservations.

HCO should be capable of sending the price quotations to the customers.

Solution is to update the heliport list when I navigate to a different area from the map.

There should be some set of pages for below roles : -
- Customer
- Helicopter operator (HCO)
- Heliport owner(HPO)

Quick Facts :

" Industry:
Aviation Industry. "

Benefits Delivered :

"
- Increases Agility.
- Increases Customer Satisfaction.
- Encourages Collaboration & Improves Communication.
- Increase Productivity.
- Enables High-Quality User Experience. "

KEY FEATURES :

- Dashboard page was developed to track the histories of the reservations with the visualizations

- Elastic search was used to implement the search between the geo locations.

- Map was integrated to search the heliport from the map.

- Huge forms were developed to store the heliport details, with preview features for the photos and videos.

- Heliport reservation process was developed with map integrations and other functionalities.

- Price calculations were set (Based on the two locations) in or dated to get average trip price automatically.

- Various pages were developed to manage the reservations, heliport requests, helicopter booking requests.

> " In a project, you always need to know each other at the beginning, but after the first weeks of communicating back and forth concerning our idea, the project went off. With several different expertises that IGNEK has to offer, your project is in good hands in a timely manner. Not only the developing side (we use liferay as a platform), but also the designs are smooth. In our project, which is quite a niche, IGNEK proves to think with you to provide the best solution. I would definitely recommend IGNEK for your liferay solution. "

SOLUTION/ TECHNOLOGY USES:

1

Bootstrap-date picker :

We have used this plugin to have a Calendar View for Date selection.

2

Google MAP API :

This API was used to show heliports on the map.

3

Service builder

Persist and fetch custom data.

4

Elastic search

We have stored the heliport data into the elastic search for better performance. We have used the geo queries feature of the elastic search to search heliport from google map's latitude and longitude.

5

Stripe

We have used this plugin for payment integration

6

Ssi-uploader :

This is a jquery based plugin to upload multiple files with previews on the web page. It was used in heliport forms
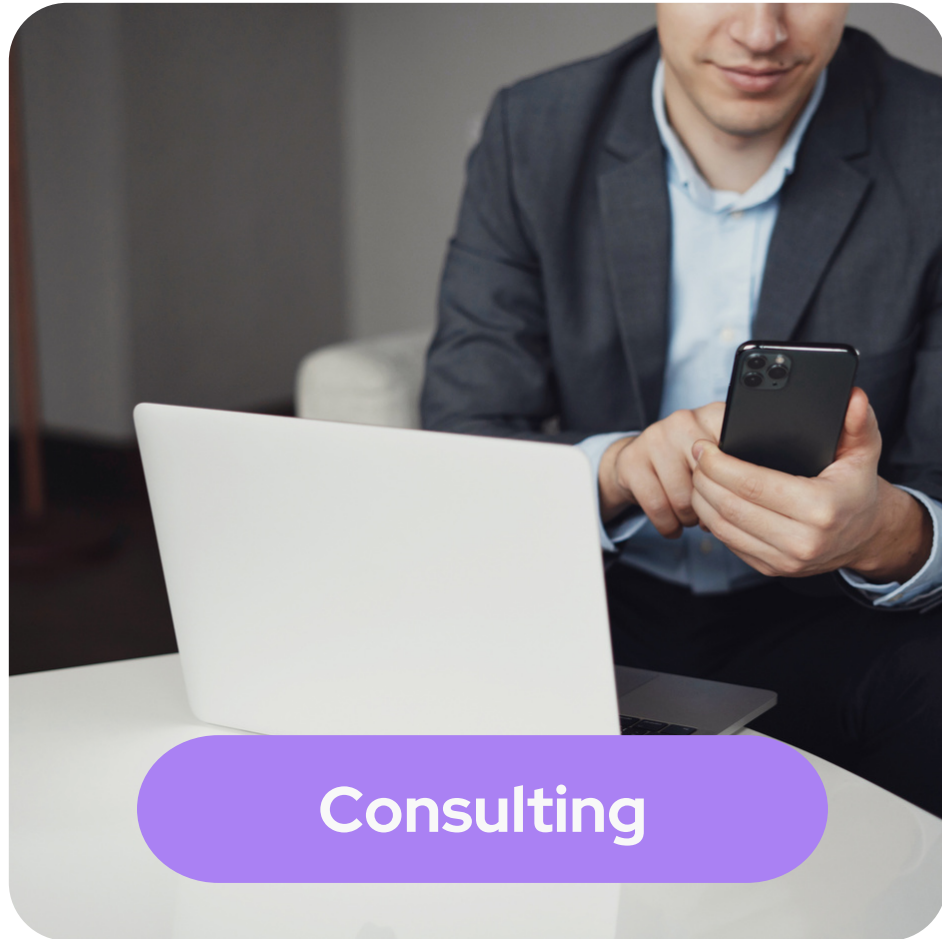
7

DataTable :

This plugin was used to show responsive huge tables in the portal

8

Vanilla Javascript Timepicker :

We have used this javascript plugin to show a time selection UI component.

Consulting

Development

Quality Assurance

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Driving Digital Transformation

Contact Us

Because, we're here to help

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Thank You