

Instituto Tecnológico de Costa Rica

Escuela de ingeniería en computadores

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Curso: Bases de datos

Grupo 1

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Proyecto I - TECAir

Manual de Usuario

II Semestre, 2023

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Administrator View

Login

To log in you have to use your username and password, if you don't have one, please, contact the company and someone would assign you a username and password as soon as possible.

In this case, you can use the credentials “MRivera83” and “123123” for the username and password respectively. Once you already filled out the blanks, press login button (The button with the text “Iniciar sesion”).

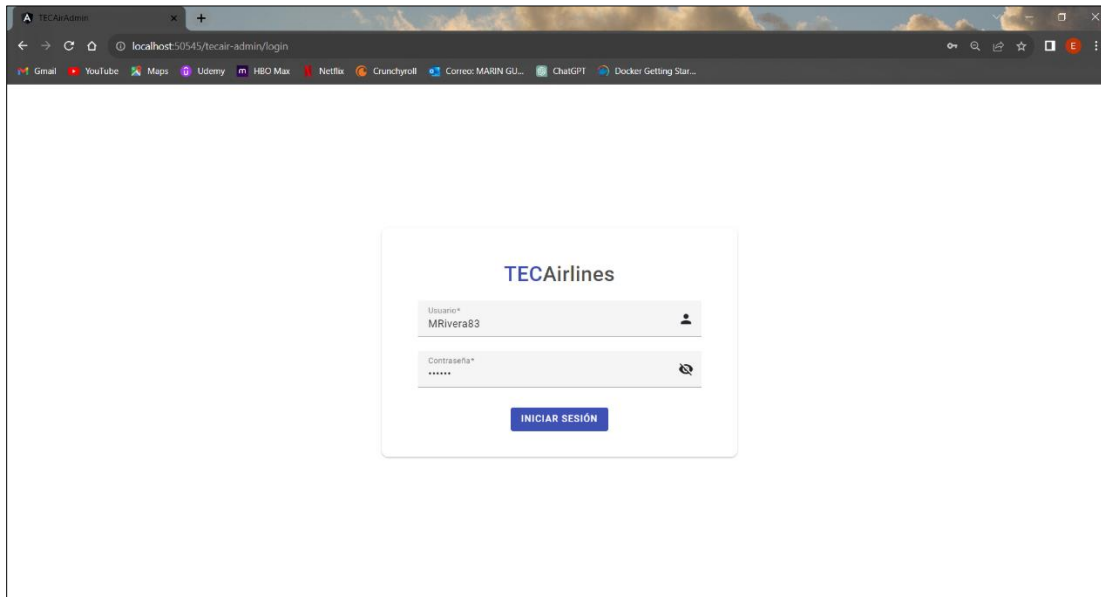
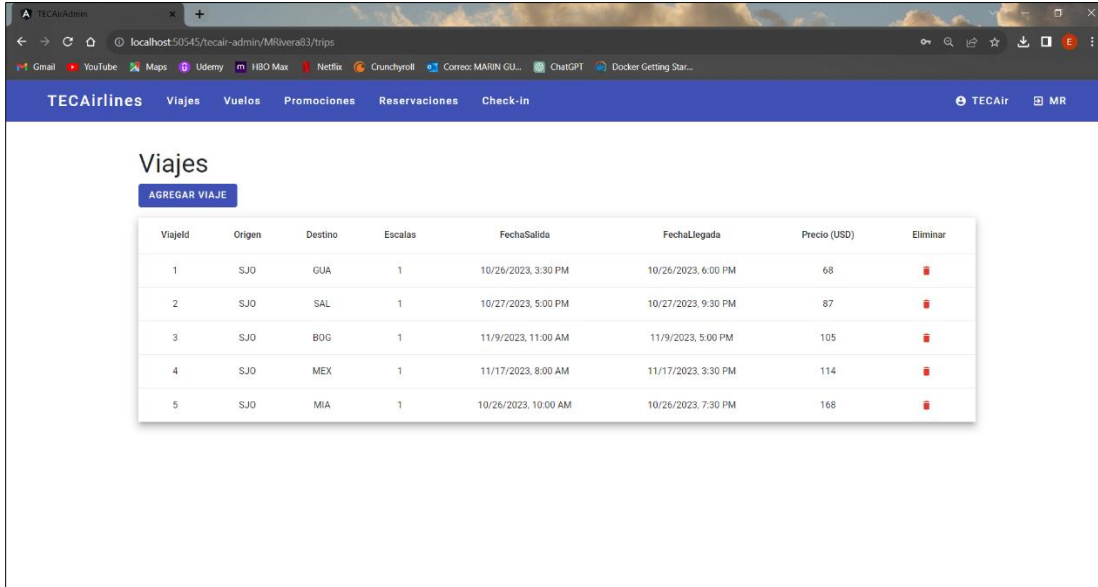


Figure 1: Login

Trips

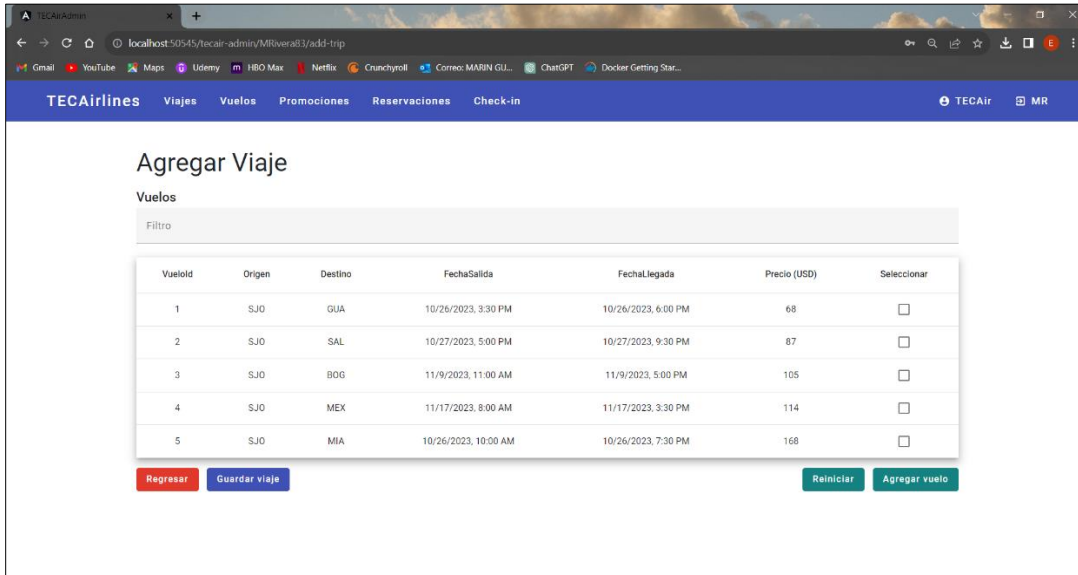
When you click on Login, the first view will be the trips view. From this view you can add and delete trips. But you have to consider that trips are composed of flights, so you must create some flights in order to create trips.



ViajeId	Origen	Destino	Escalas	FechaSalida	FechaLlegada	Precio (USD)	Eliminar
1	SJO	GUA	1	10/26/2023, 3:30 PM	10/26/2023, 6:00 PM	68	
2	SJO	SAL	1	10/27/2023, 5:00 PM	10/27/2023, 9:30 PM	87	
3	SJO	BOG	1	11/9/2023, 11:00 AM	11/9/2023, 5:00 PM	105	
4	SJO	MEX	1	11/17/2023, 8:00 AM	11/17/2023, 3:30 PM	114	
5	SJO	MIA	1	10/26/2023, 10:00 AM	10/26/2023, 7:30 PM	168	

Figure 2: Trips list

Once you already created one or more flights, you can create a trip, to do this, click on “Agregar viaje”, then select the flights that compose the trip you want to create (Remember selecting the stopovers in your specific order) and add them by clicking “Agregar vuelo”, once you are finished with the trip stopovers, click on “Guardar viaje” to finally create the trip.



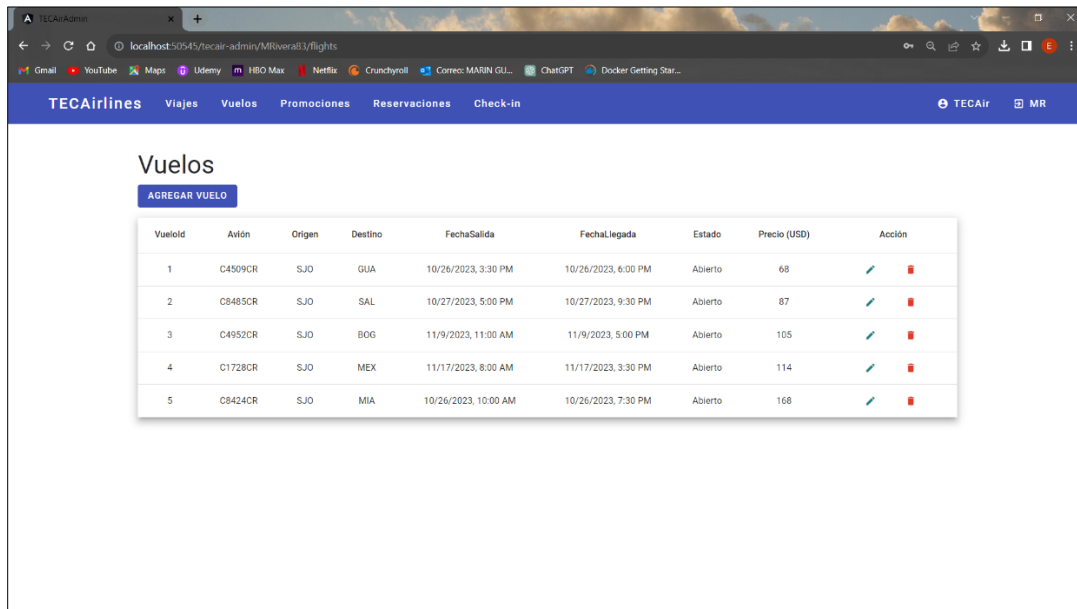
VueloId	Origen	Destino	FechaSalida	FechaLlegada	Precio (USD)	Seleccionar
1	SJO	GUA	10/26/2023, 3:30 PM	10/26/2023, 6:00 PM	68	<input type="checkbox"/>
2	SJO	SAL	10/27/2023, 5:00 PM	10/27/2023, 9:30 PM	87	<input type="checkbox"/>
3	SJO	BOG	11/9/2023, 11:00 AM	11/9/2023, 5:00 PM	105	<input type="checkbox"/>
4	SJO	MEX	11/17/2023, 8:00 AM	11/17/2023, 3:30 PM	114	<input type="checkbox"/>
5	SJO	MIA	10/26/2023, 10:00 AM	10/26/2023, 7:30 PM	168	<input type="checkbox"/>

Regresar Guardar viaje Reiniciar Agregar vuelo

Figure 3: Add trip

Flights

From this view you can add, edit and delete flights.

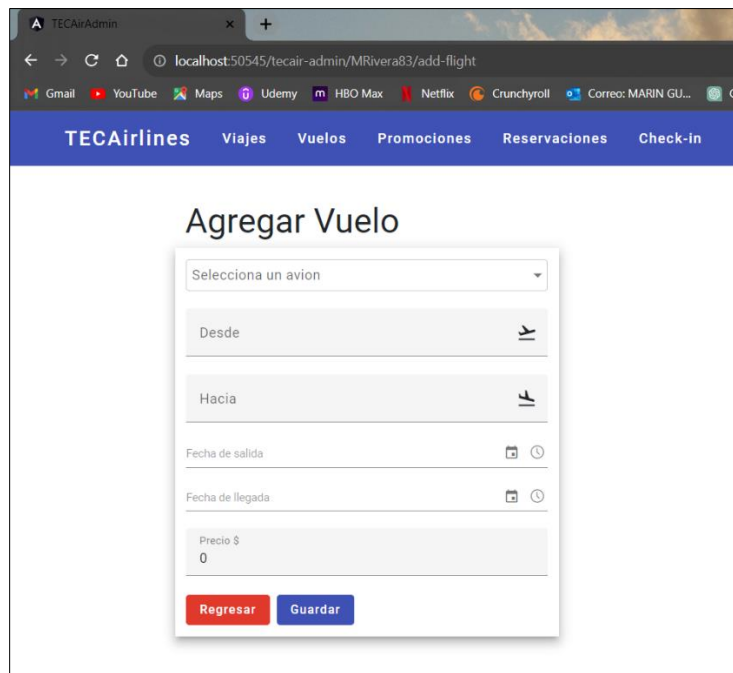


Vuelos

AGREGAR VUELO

Vueloid	Avión	Origen	Destino	FechaSalida	FechaLlegada	Estado	Precio (USD)	Acción
1	C4509CR	SJO	GUA	10/26/2023, 3:30 PM	10/26/2023, 6:00 PM	Abierto	68	✎ ✖
2	C8485CR	SJO	SAL	10/27/2023, 5:00 PM	10/27/2023, 9:30 PM	Abierto	87	✎ ✖
3	C4952CR	SJO	BOG	11/9/2023, 11:00 AM	11/9/2023, 5:00 PM	Abierto	105	✎ ✖
4	C1728CR	SJO	MEX	11/17/2023, 8:00 AM	11/17/2023, 3:30 PM	Abierto	114	✎ ✖
5	C8424CR	SJO	MIA	10/26/2023, 10:00 AM	10/26/2023, 7:30 PM	Abierto	168	✎ ✖

Figure 4: Flights



TECAirAdmin

localhost:50545/tecair-admin/MRIVERA83/add-flight

TECAirlines Viajes Vuelos Promociones Reservasiones Check-In

Agregar Vuelo

Selecciona un avion

Desde

Hacia

Fecha de salida

Fecha de llegada

Precio \$

0

[Regresar](#) [Guardar](#)

Figure 5: Add flight

To add a flight, you must give specific flight information, such as the aircraft registration number, origin airport, destiny airport, departure time, landing time and flight price, you can see an example of proper flight creation on figure 6.

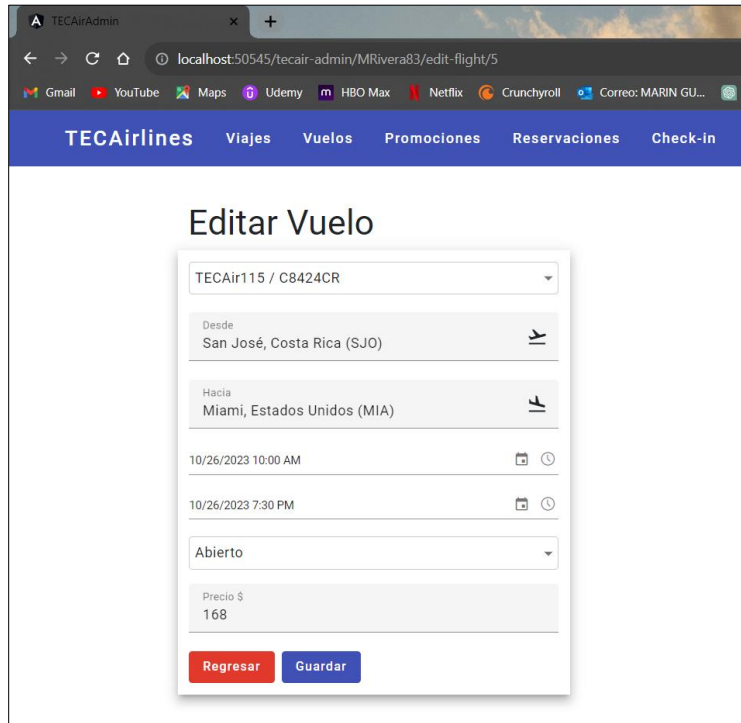
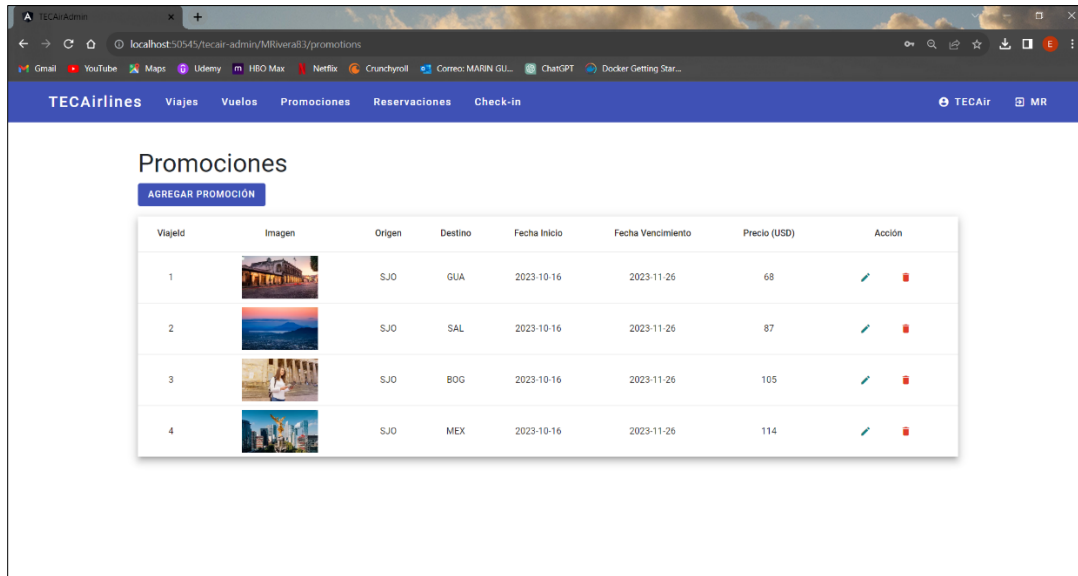


Figure 6: Edit flight

As in flight adding section, in order to edit a flight, you have to click on the edit button of the flight that you want to edit, then, you will see the previous view (Figure 6), where you can edit all the flight information, including the flight state, this state refers to the client possibility of doing check-in, this value will always start on “Cerrado” when you create a flight, but you can change it from here in order to allow clients check-in.

Promotions

From this view you can add, edit and delete promotions.



The screenshot shows the 'Promociones' page in the TECAirAdmin interface. It features a table with 4 rows of promotion data. Each row includes an ID, a promotional image, the origin and destination airports, the start and end dates, the price in USD, and action buttons for editing and deleting.













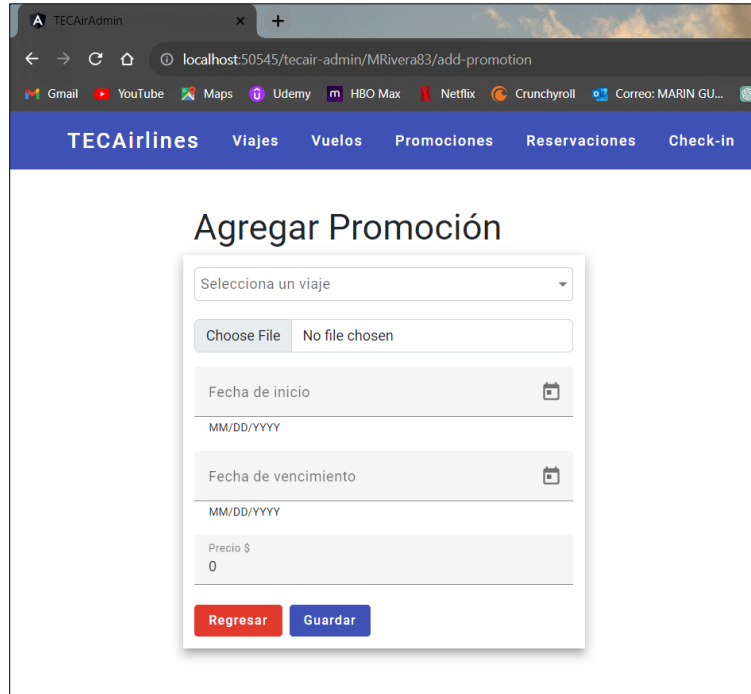
ViajeId	Imagen	Origen	Destino	Fecha Inicio	Fecha Vencimiento	Precio (USD)	Acción
1		SJO	GUA	2023-10-16	2023-11-26	68	 
2		SJO	SAL	2023-10-16	2023-11-26	87	 
3		SJO	BOG	2023-10-16	2023-11-26	105	 
4		SJO	MEX	2023-10-16	2023-11-26	114	 

Figure 7: Promotions

To create a promotion, you have to fill the next form, giving some promotion information as the trip in promotion, a promotion picture, promotion start and end date, and its respective price, and once you are done, then click on “Guardar” to save that promotion.



The screenshot shows the 'Agregar Promoción' form. It contains a dropdown menu to select a trip, a file upload field for the promotional image, and two date pickers for the start and end dates. The price field is currently set to 0. At the bottom, there are 'Regresar' and 'Guardar' buttons.

Selecciona un viaje

Choose File No file chosen

Fecha de inicio

MM/DD/YYYY

Fecha de vencimiento

MM/DD/YYYY

Precio \$

0

Regresar Guardar

Figure 8: Add promotion

In the same way that you edit trips and flights, you can also edit promotions by clicking on edit button of the promotion of your choice, and modifying the promotion information that you have to change, then click “Guardar” and your promotion will be edited.

TECAirAdmin

localhost:50545/tecair-admin/MRiviera83/edit-promotion/4

Gmail YouTube Maps Udemey HBO Max Netflix Crunchyroll Correo: MARIN GU...

TECAirlines Viajes Vuelos Promociones Reservaciones Check-in

Editar Promoción

Id: 4 / Origen: SJO / Destino: MEX

Choose File No file chosen

Fecha de inicio
10/15/2023
MM/DD/YYYY

Fecha de vencimiento
11/25/2023
MM/DD/YYYY

Precio \$
114

Regresar Guardar

Figure 9: Edit promotion

Reservations

This view is the same as the client's home view. Check there for more details.

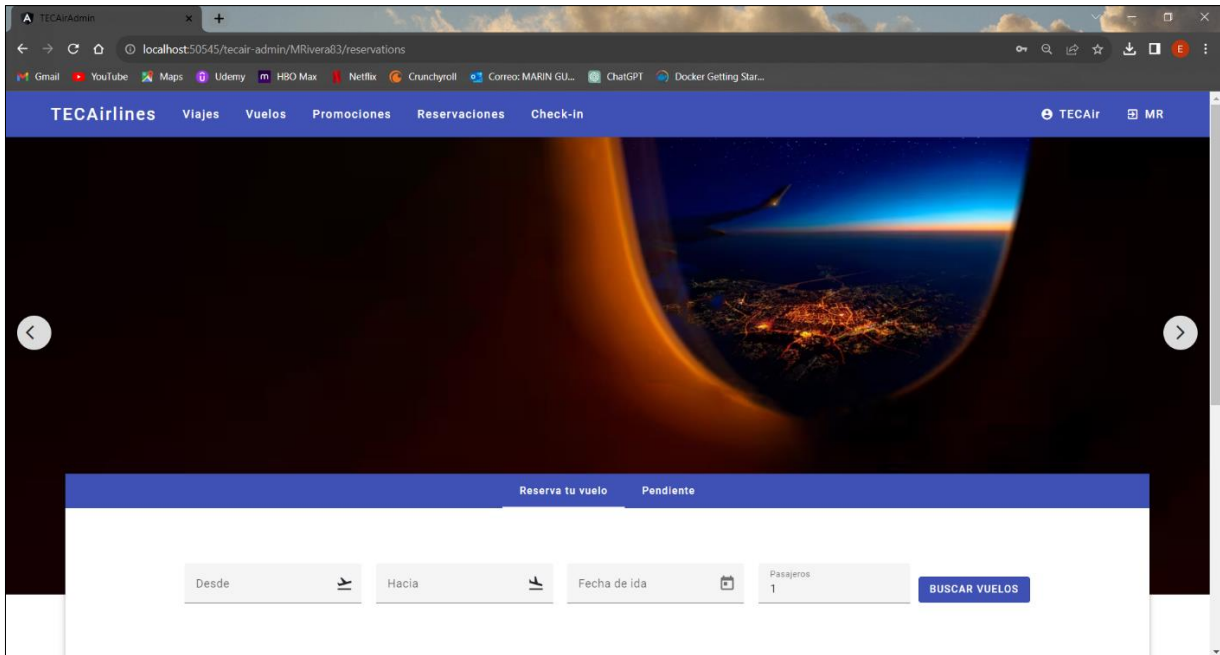


Figure 10: Reservations

Login / Sign Up: From this view you can also register clients to make reservations.

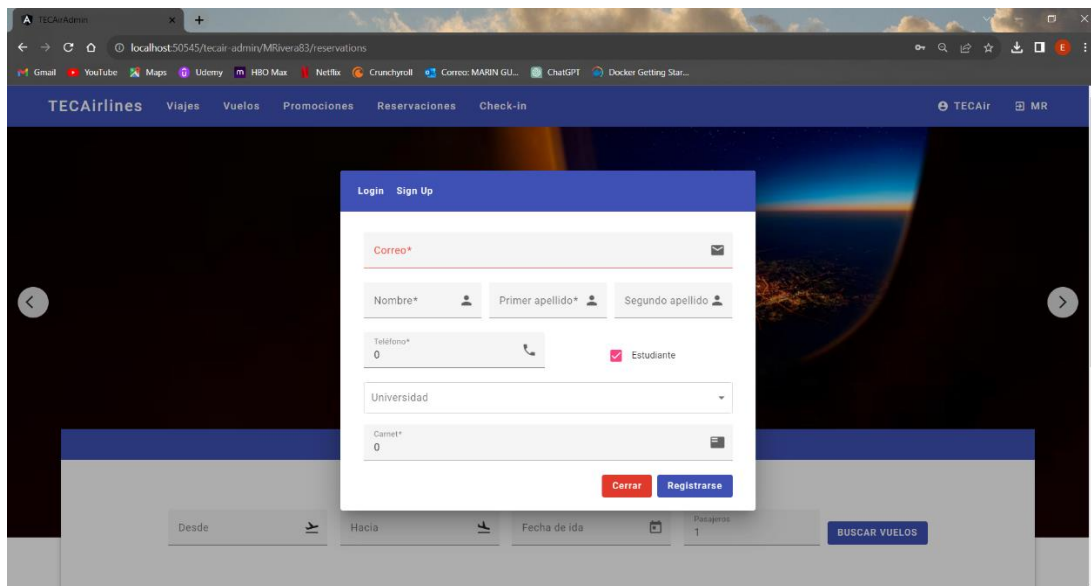


Figure 11: Login / Sign Up

Check-In: From this view you can check-in the client and register their bags.

The screenshot shows a web browser window with the URL `localhost:50545/tecair-admin/MRvera83/check-boardingpass-baggage`. The page has a blue header with the TECAirlines logo and navigation links: Viajes, Vuelos, Promociones, Reservaciones, and Check-In. On the right of the header are links for TECAir and MR. The main content area is titled "Información del pase de abordar" and features a search bar with the placeholder text "Numero de pase de abordaje*" and a blue "Buscar" button. Below the search bar is a table with the following headers: "Numero de pase", "Numero de viaje", "Cliente", "Puerta de abordaje", "Check-In realizado", and "Realizar Check-In". The table body is currently empty.

Figure 12: Check-In

Client view / Mobile app

This is the main view of the client from which they can go to book a flight, see promotions , login, sign-up and see your profile.

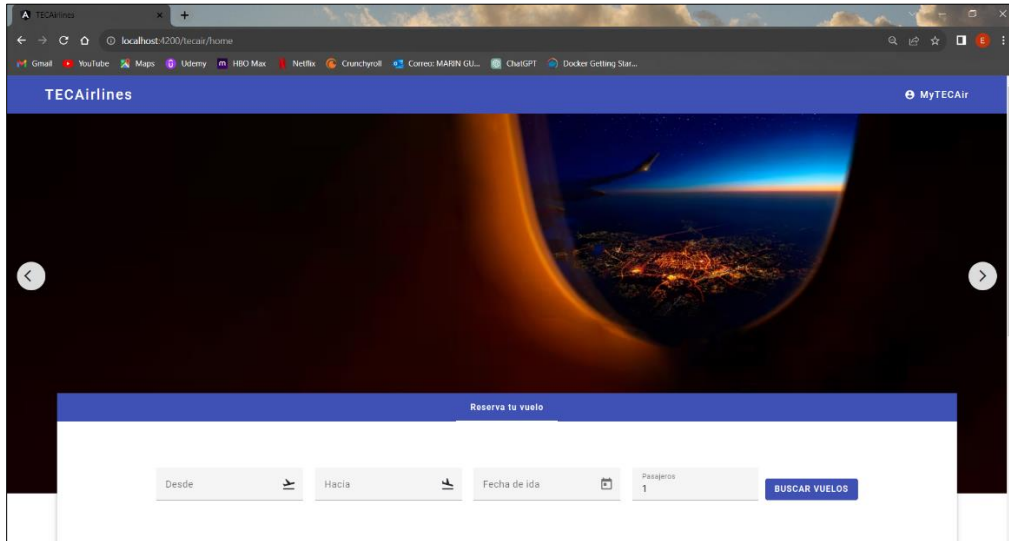


Figure 13: Home

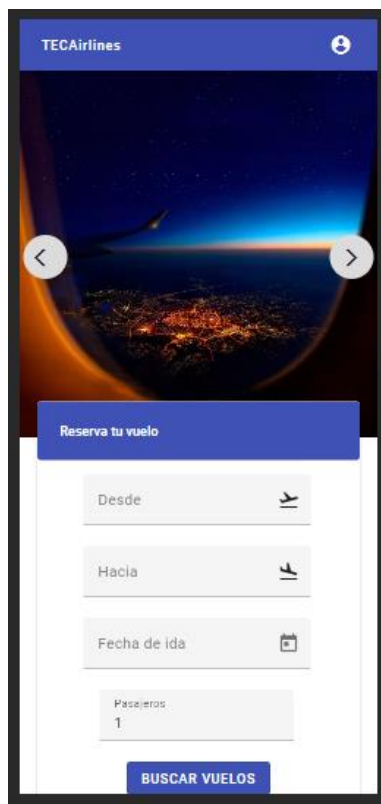
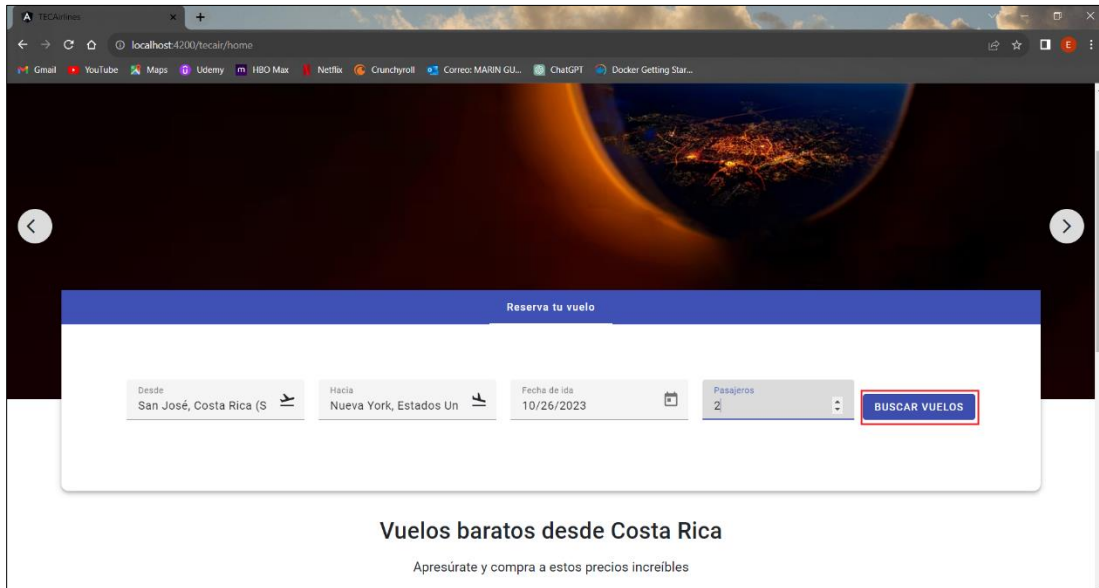


Figure 14: Mobile - Home

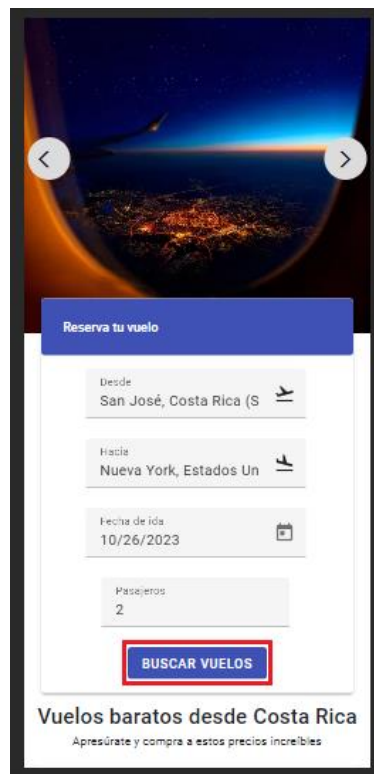
Search flight

To search for a flight, you must indicate the airport of origin and destination, the departure date and the number of passengers. The airport of origin and destination can be indicated with the IATA code of the airport or its location.



The screenshot shows a web browser window with the URL `localhost:4200/tecali/home`. The page features a dark header with a cityscape at night. Below the header is a white search form titled "Reserva tu vuelo". The form contains four input fields: "Desde" (San José, Costa Rica (S)), "Hacia" (Nueva York, Estados Un), "Fecha de ida" (10/26/2023), and "Pasajeros" (2). A red-bordered button labeled "BUSCAR VUELOS" is positioned to the right of the "Pasajeros" field. Below the form, the text "Vuelos baratos desde Costa Rica" is displayed, followed by the subtext "Apresúrate y compra a estos precios increíbles".

Figure 15: Search flight



The image shows the mobile version of the flight search form. It features a dark header with a cityscape at night. Below the header is a white search form titled "Reserva tu vuelo". The form contains four input fields: "Desde" (San José, Costa Rica (S)), "Hacia" (Nueva York, Estados Un), "Fecha de ida" (10/26/2023), and "Pasajeros" (2). A red-bordered button labeled "BUSCAR VUELOS" is positioned below the "Pasajeros" field. Below the form, the text "Vuelos baratos desde Costa Rica" is displayed, followed by the subtext "Apresúrate y compra a estos precios increíbles".

Figure 16: Mobile - Search flight

Book flight

When you click to search for flights. A step by step is shown where you can first select the flight you want and whether it has more than one stopover.

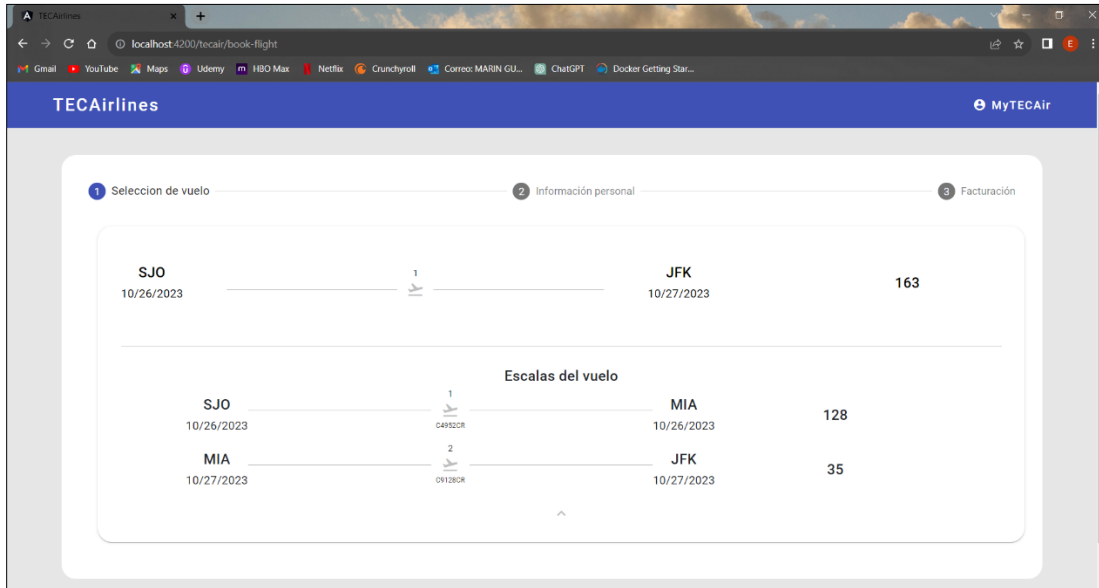


Figure 17: Book flight

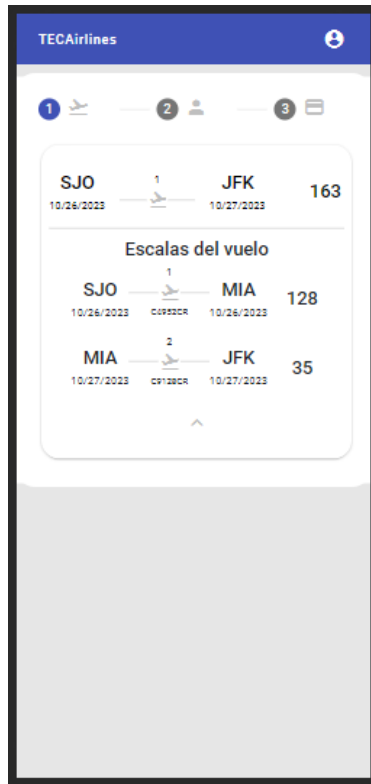


Figure 18: Mobile – Book flight

Login / Sign Up

Before going to step 2 (Personal information step) and if you are sure you want to book that flight. It is recommended to register with TECAirlines or log in if you have already done so.

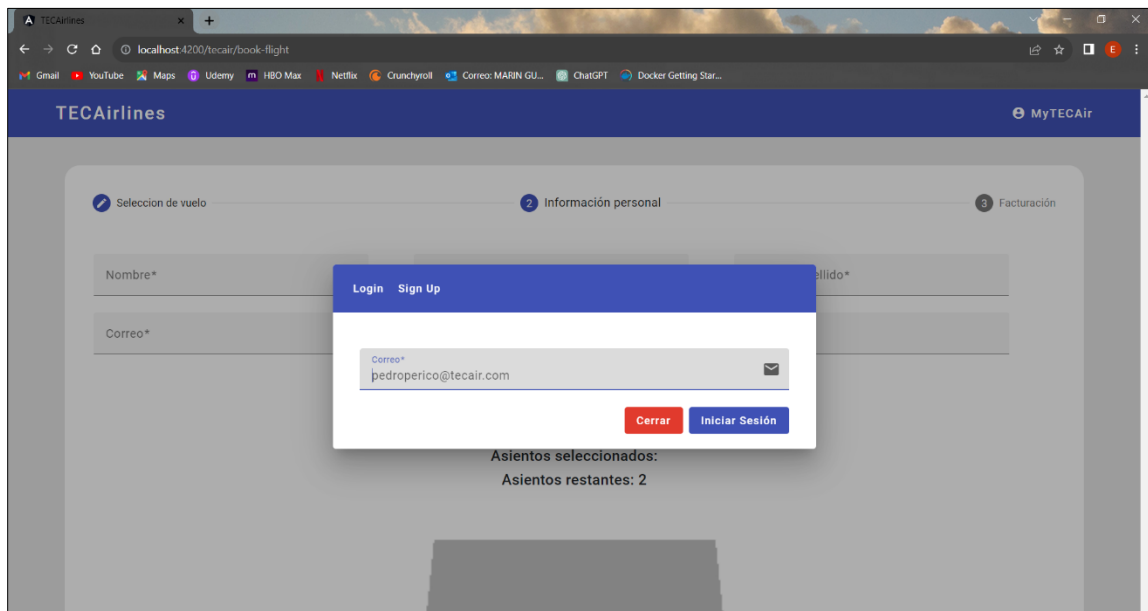


Figure 19: Login / Sign Up

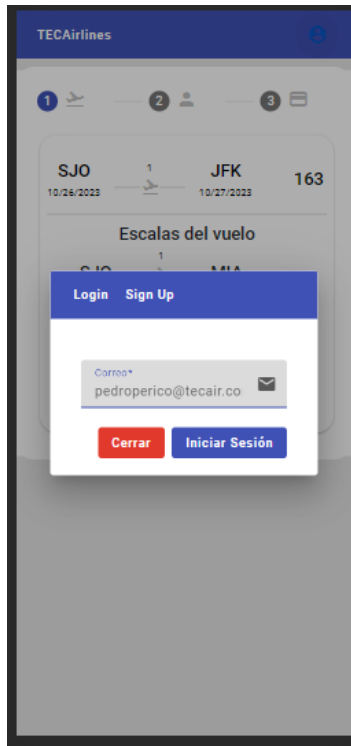


Figure 20: Mobile – Login / Sign Up

Personal information: In step 2 of the stepper, you must add the personal information in whose name the flight reservation and boarding passes will be made, here is necessary to fill up every blank to advance to next step, otherwise, you will not be able to click the button to go to payment information step.

The screenshot shows a web browser window with the URL `localhost:4200/tecair/book-flight`. The page header is blue with the "TECAirlines" logo and a user profile icon labeled "Emanuel Marin". The main content area has a progress bar with three steps: "Selección de vuelo" (completed), "Información personal" (current step), and "Facturación". Below the progress bar, there are input fields for personal information: "Nombre*" (Emanuel), "Primer apellido*" (Marín), "Segundo apellido*" (Gutiérrez), "Correo*" (emanuelmarin@gmail.com), and "Teléfono*" (+506) 71448465. Below these fields, it says "Asientos seleccionados:" and "Asientos restantes: 2". At the bottom, there is a placeholder for a seat selection diagram.

Figure 21: Personal information

The screenshot shows the mobile app interface for TECAirlines. The header is blue with the "TECAirlines" logo and a user profile icon. The progress bar at the top has three steps: "Selección de vuelo", "Información personal" (current step), and "Facturación". Below the progress bar, there are input fields for personal information: "Nombre*" (Emanuel), "Primer apellido*" (Marín), "Segundo apellido*" (Gutiérrez), "Correo*" (emanuelmarin@gmail.com), and "Teléfono*" (+506) 71448465. Below these fields, it says "Asientos seleccionados:" and "Asientos restantes: 2". At the bottom, there is a placeholder for a seat selection diagram.

Figure 22: Mobile – Personal information

Seat selection: In this same step 2 you can also select your seats, in the same way than in the personal information form, you have to select every seat until the indicator reads 0 leaving

seats, if you still have one or more seats left to select, you won't be able to advance to payment information step.

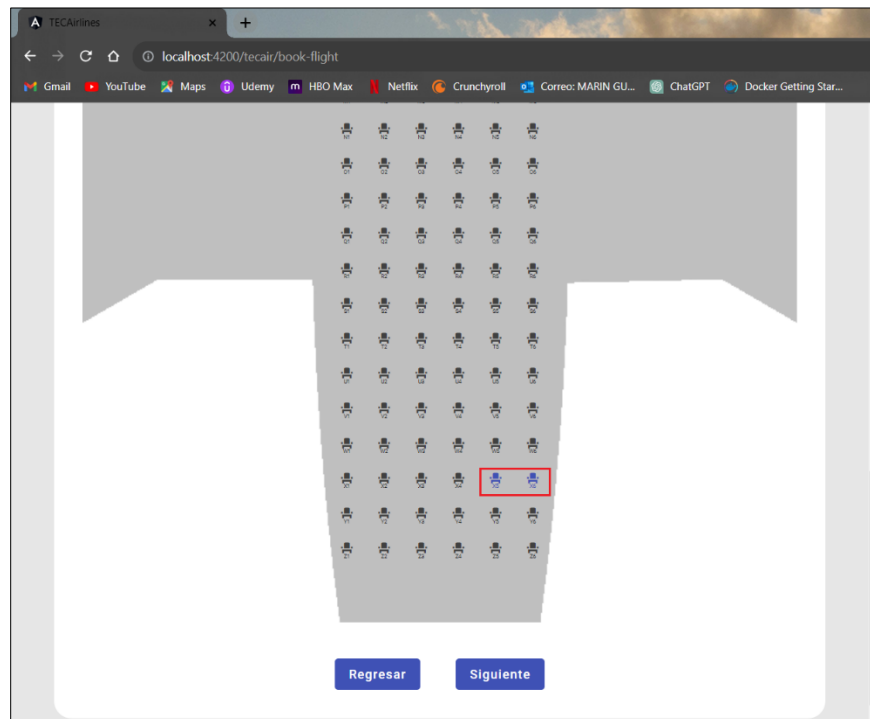


Figure 23: Seat selection

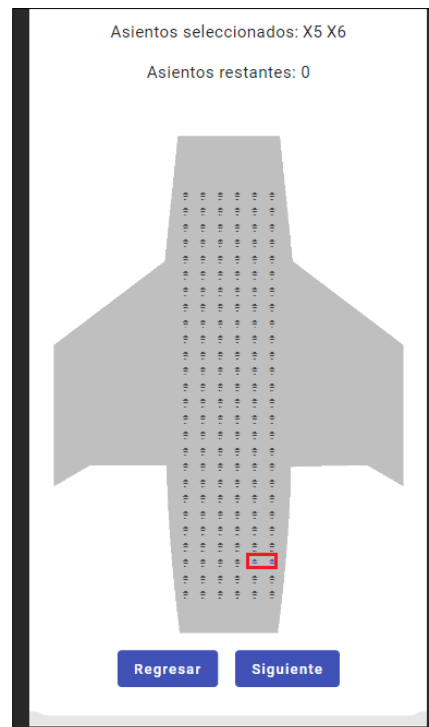


Figure 24: Mobile - Seat selection

Billing: After filling out the personal information and selecting the seats, the step 3 would be adding the payment information. After that, the reservation is done.

TECAirlines Emanuel Marin

Selección de vuelo Información personal 3 Facturación

Numero de tarjeta*

Fecha de vencimiento* CVV*

Regresar Reservar

Figure 25: Billing

TECAirlines

Selección de vuelo Información personal 3 Facturación

Numero de tarjeta*

Fecha de vencimiento*

CVV*

Regresar Reservar

Figure 26: Mobile - Billing

Promotions

From the home view you can also see some promotions which, when you click, direct you to the view to book that flight. If you want to see even more promotions, you can click on the 'Discover more destinations' button.

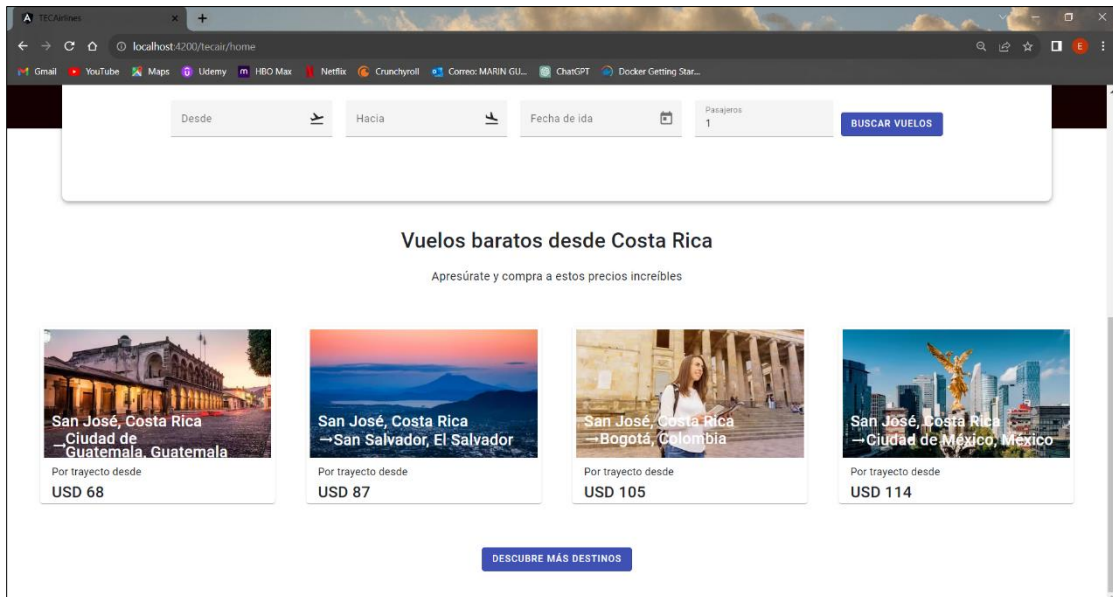


Figure 27: Promotions



Figure 28: Mobile – Promotions

Profile

If you are already logged in to TECAirlines, you can click on your username to view your profile, here you can find and edit or update some of your personal information, such as your name, last name, telephone number, university, etc.

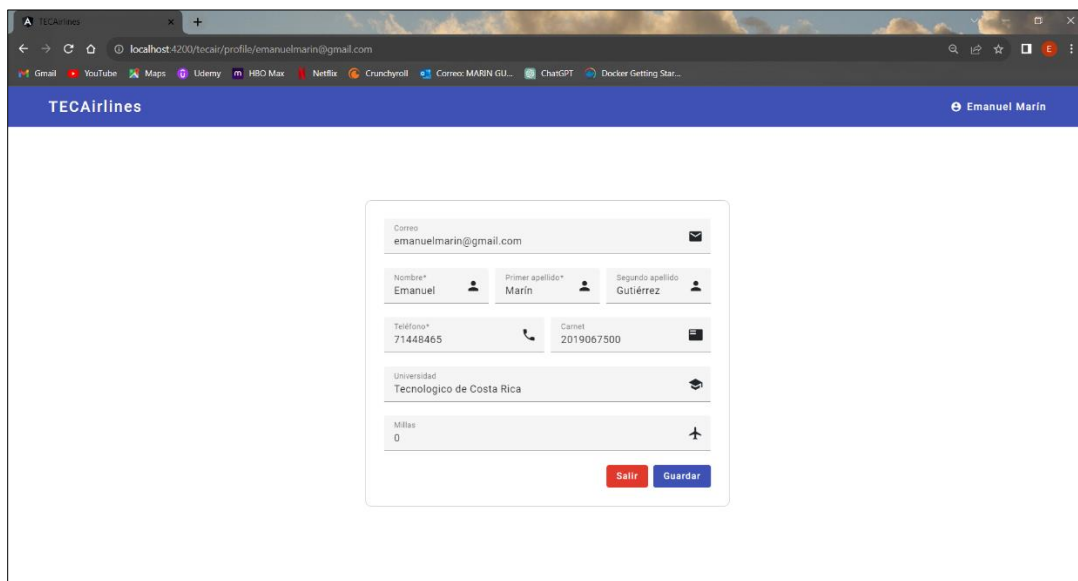
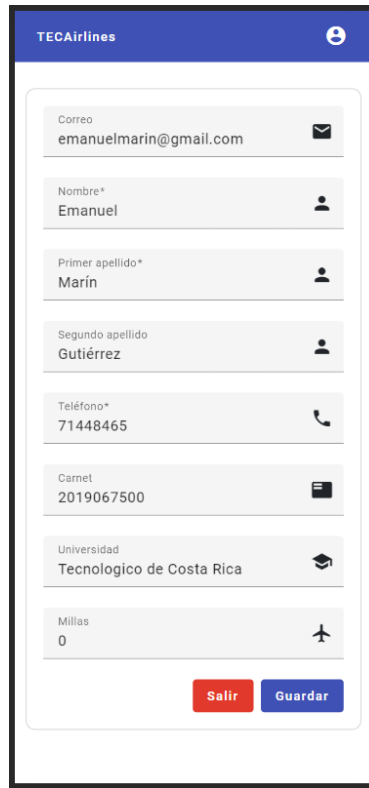


Figure 29: Profile



The image shows a mobile application interface for TECAirlines. At the top is a blue header with the text "TECAirlines" and a user profile icon. Below the header is a white card containing several input fields for user information. Each field has a label, a value, and an icon representing the field type (email, person, phone, ID card, graduation cap, or airplane). At the bottom of the card are two buttons: a red "Salir" button and a blue "Guardar" button.

Field	Value	Icon
Correo	emanuelmarin@gmail.com	Email
Nombre*	Emanuel	Person
Primer apellido*	Marín	Person
Segundo apellido	Gutiérrez	Person
Teléfono*	71448465	Phone
Carnet	2019067500	ID Card
Universidad	Tecnologico de Costa Rica	Graduation Cap
Millas	0	Airplane

Figure 30: Mobile – Profile