



# COSC2408 PROGRAMMING PROJECT1

## User Manual & Demo Rent-A-Lux

MUSFIQUR RAHMAN	-	S3703103
INDIRAKSHI SREERAM	-	S3728388
RYAN WILSON	-	S3716816
CHRISTIAN DALLA ROSA	-	S3716883

V:1.0

# Content

## Contents

Content .....	2
Software Description .....	3
User Functions.....	4
Login and Registration.....	4
Landing Page .....	7
Cars Page .....	7
Bookings Page .....	8
Bays Page.....	8
Edit Profile.....	9
Admin Privileges .....	10
Managing Cars .....	11
Adding a new car .....	11
Editing an existing car .....	12
Managing Users .....	13
Adding a new user .....	13
Editing an existing user .....	13
Managing Bays.....	14
Add a new bay .....	14
Editing an existing bay .....	15
Troubleshooting .....	16
Rent-A-Lux Website .....	16
The page wont load/session time out .....	16
Cars aren't showing up on the cars page .....	16
Invalid Log in.....	17
The requested page cannot be found.....	17

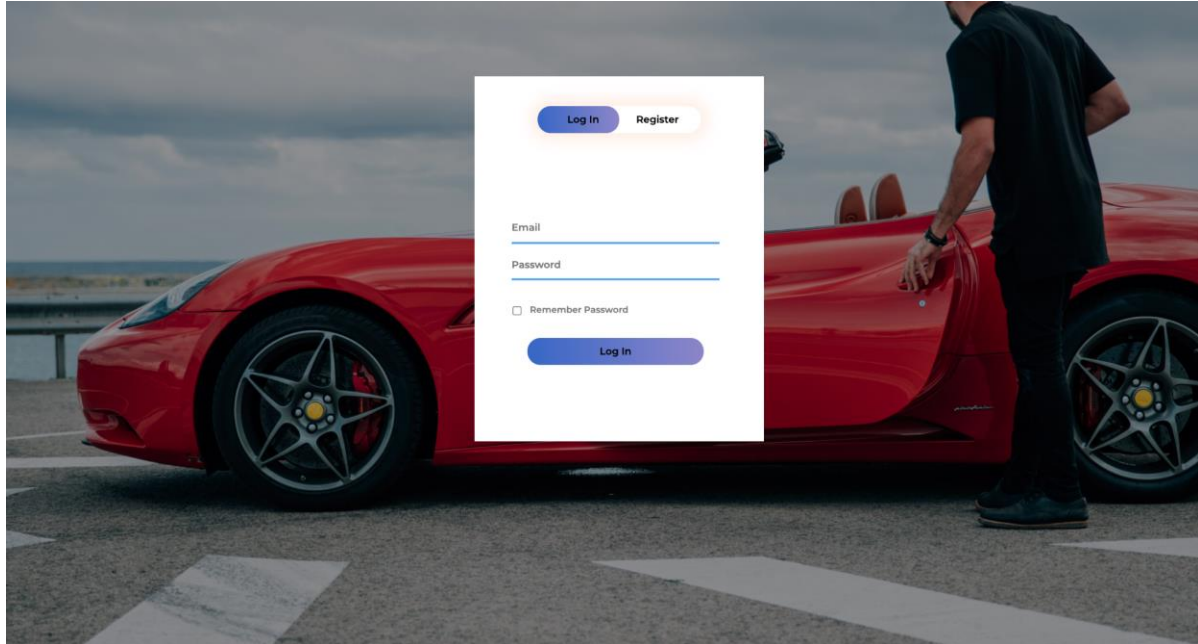
## Software Description

Rent-A-Lux is a user-centric company, which allows its users to rent fast and exclusive luxury cars in Australia. With Rent-A-Lux, arrangements and booking processes are efficient and easy to use. The customers can register to rent any cars and view their booking details from the convenience of a website that can be accessed anywhere. The website is user friendly, and customers are able to view, edit and modify information about their bookings and their profiles.

Furthermore Rent-A-Lux offers administrators the ability to add, edit, or view information regarding users, cars and bays.

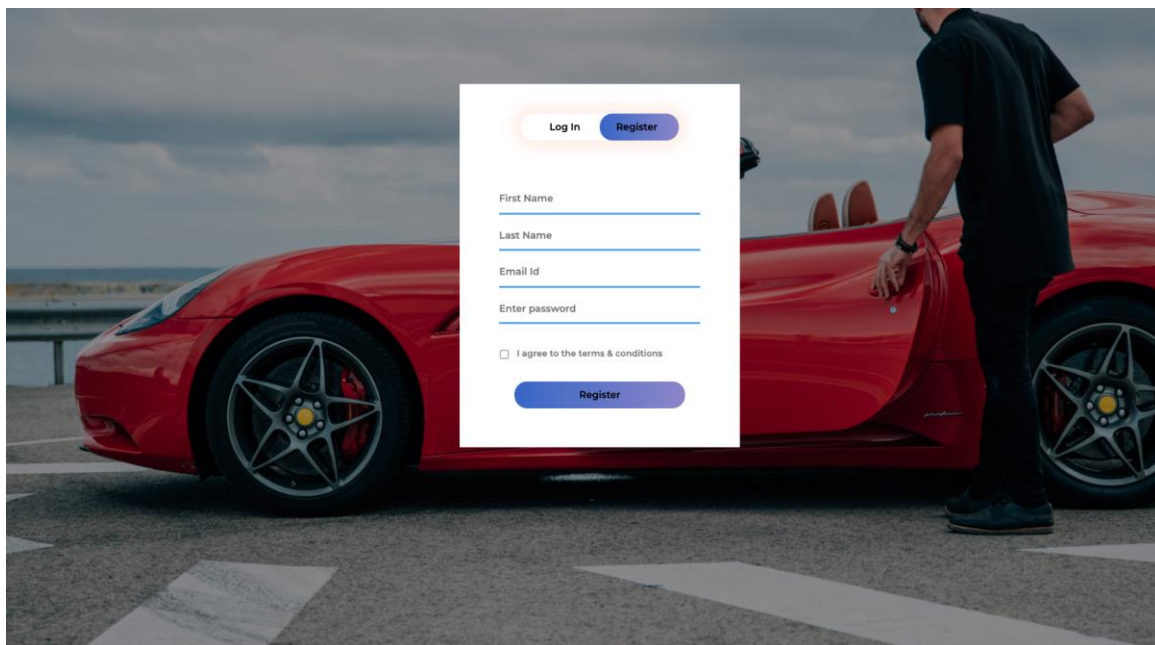
# User Functions

## Login and Registration



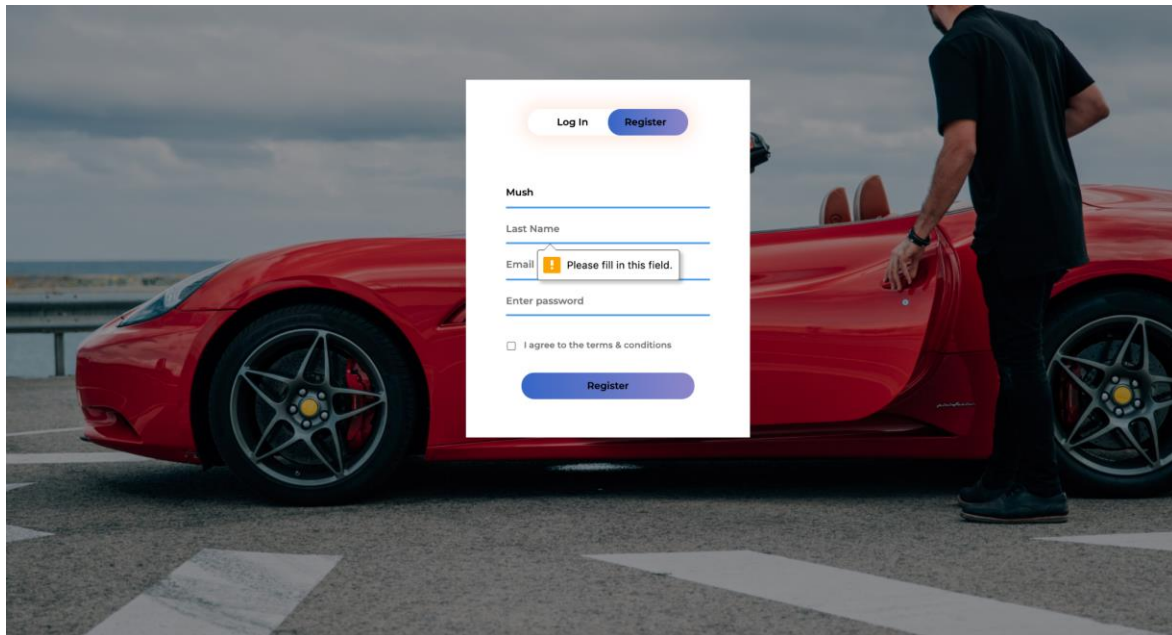
To access the rent-a-lux website, users must login to rent cars and know more about the business in general. The login-register page features a toggle button to toggle between login and register form.

If you are a new user, you must toggle to Register form and register with Rent-A-Lux as a new user.



## User Manual & Demo – Rent-A-Lux

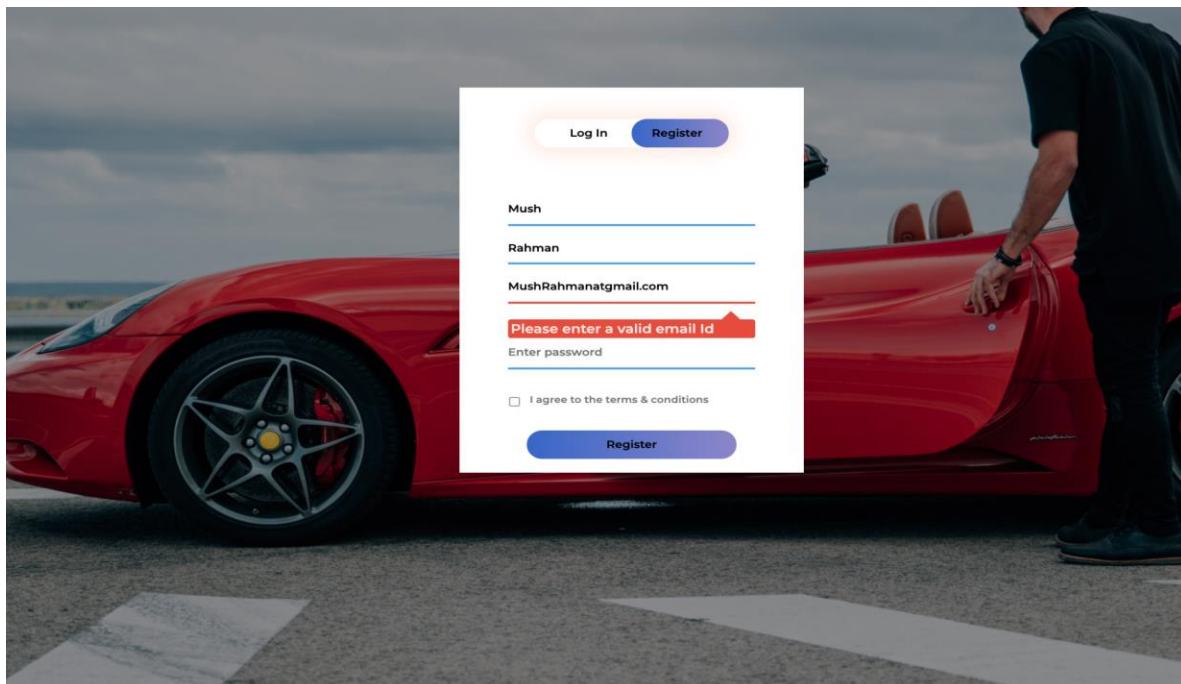
A user must enter first name, last name, email address, a password, agree with our terms and conditions and click register to finalise the registration process.



The image shows a registration form overlay on a background of a red sports car. The form has a white background and contains the following elements:

- At the top, there are two buttons: "Log In" (light blue) and "Register" (dark blue).
- Below the buttons, there are four input fields:
  - First Name: Labeled "Mush".
  - Last Name: Labeled "Last Name".
  - Email: Labeled "Email". A yellow warning icon and the text "Please fill in this field." are displayed next to the input field.
  - Password: Labeled "Enter password".
- Below the input fields, there is a checkbox labeled "I agree to the terms & conditions".
- At the bottom, there is a dark blue "Register" button.

Potential users cannot skip any fields to complete registration process as the system will request to fill in all fields

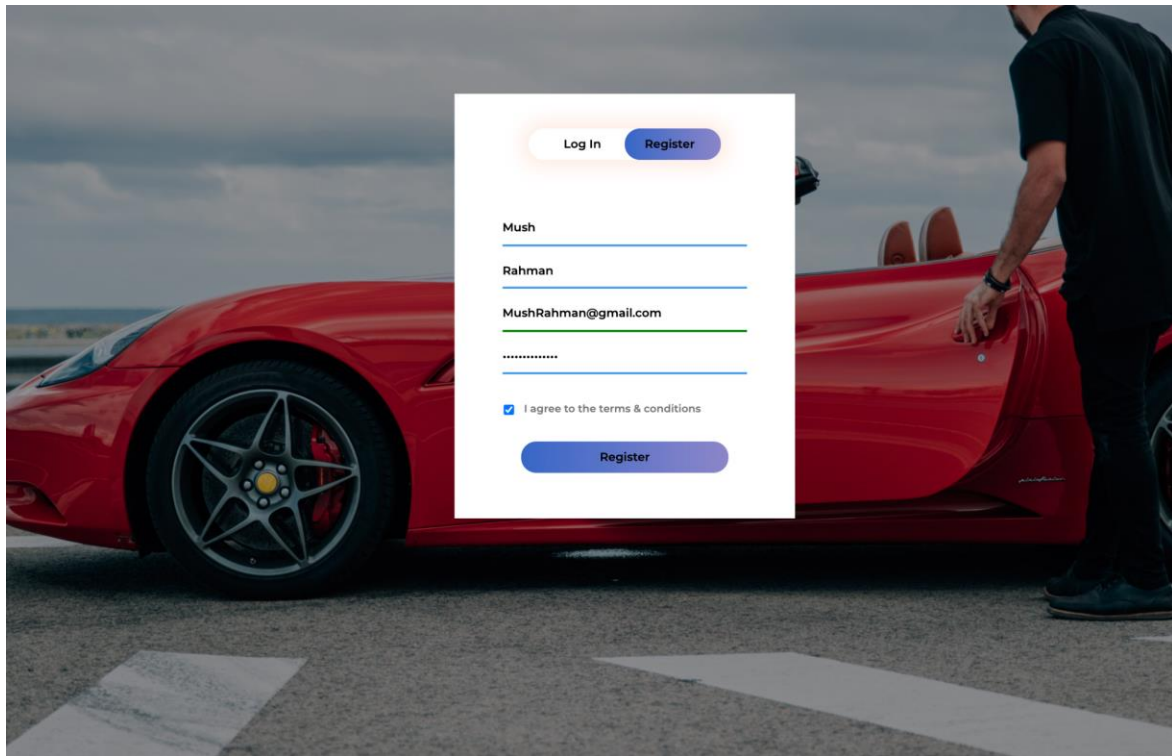


The image shows the same registration form overlay as in the previous image, but with an error message displayed. The form contains the following elements:

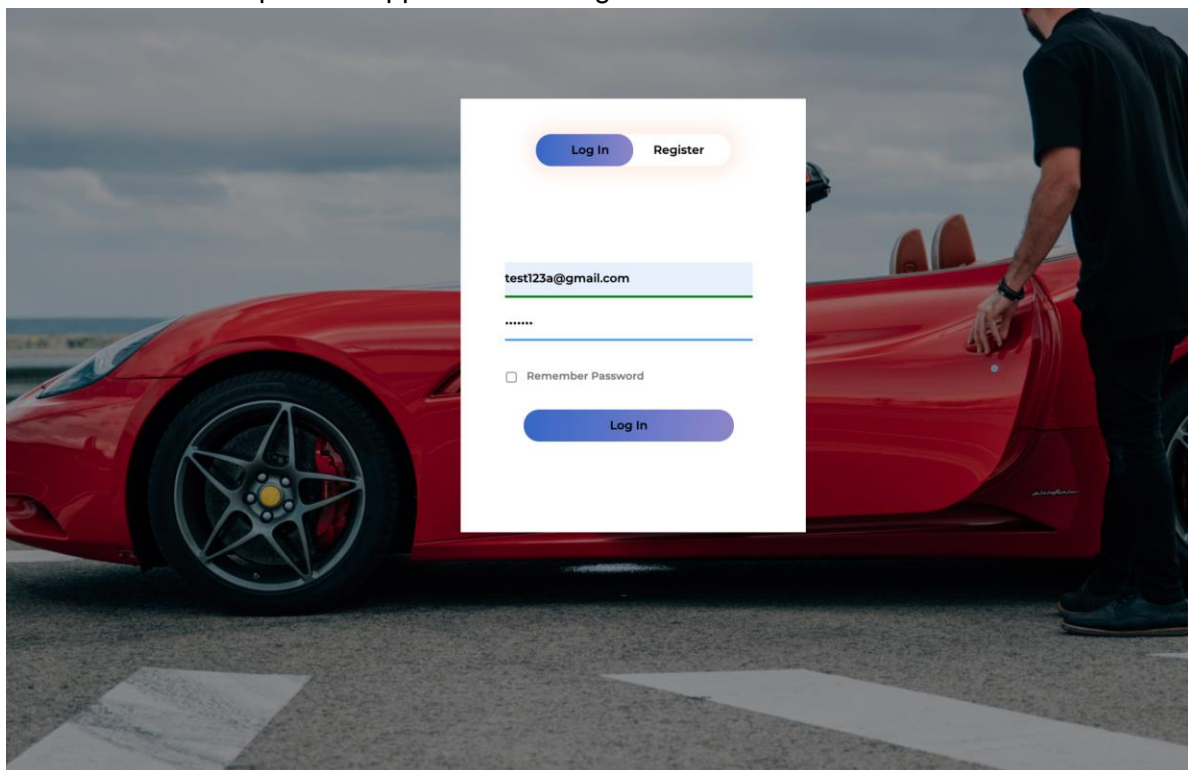
- At the top, there are two buttons: "Log In" (light blue) and "Register" (dark blue).
- Below the buttons, there are four input fields:
  - First Name: Labeled "Mush".
  - Last Name: Labeled "Rahman".
  - Email: Labeled "MushRahmatgmail.com". A red error message "Please enter a valid email Id" is displayed above the input field.
  - Password: Labeled "Enter password".
- Below the input fields, there is a checkbox labeled "I agree to the terms & conditions".
- At the bottom, there is a dark blue "Register" button.

The system will also check for a valid email address otherwise it will warn the user of an invalid email.

Putting in a valid email address will result in the email address field changing into green as shown in the screenshot below

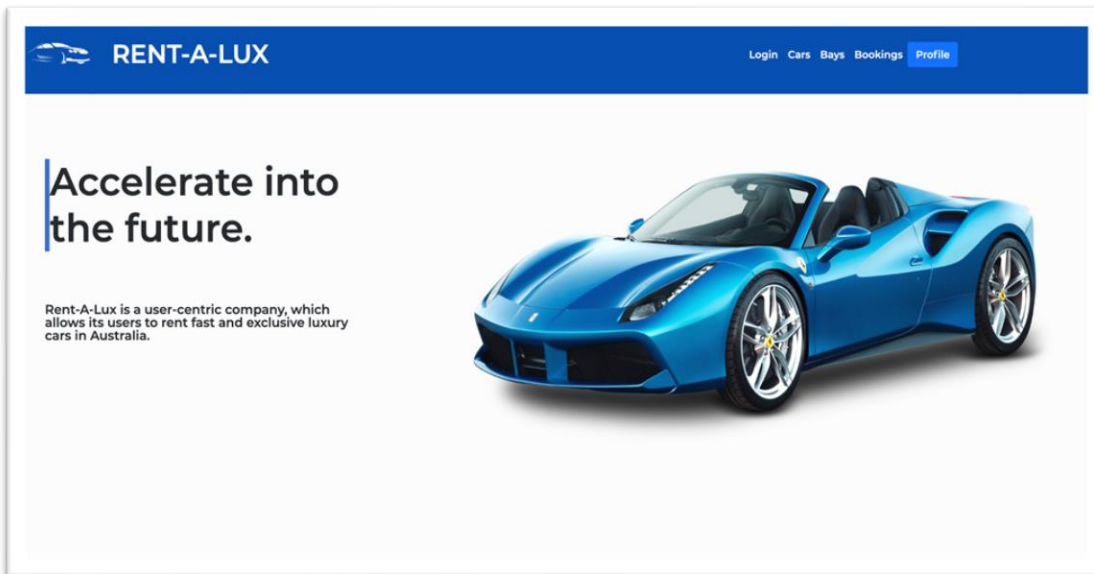


A similar validation process applies for the Login form as well:





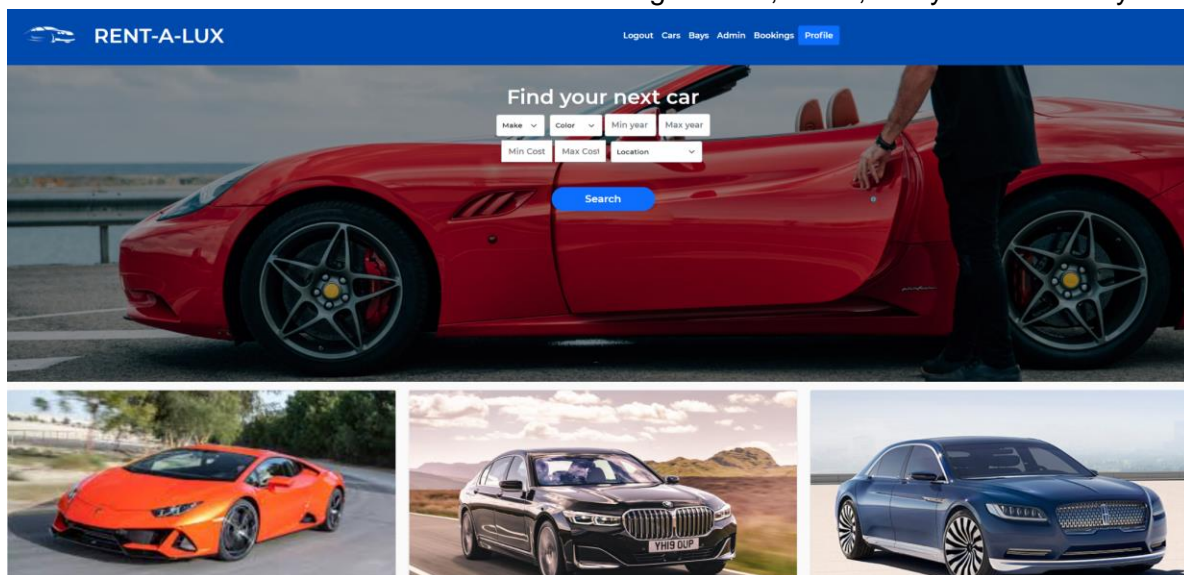
## Landing Page



Once a user successfully logs in, the user will land in the landing page which gives a general overview about Rent-A-Lux.

## Cars Page

Cars page is where our users can view all our cars available in our inventory and book by clicking the rent button. All the cars are displayed as card views. The cars page also features a filter box which allows users to filter cars according to color, make, min year and max year.



## Bookings Page

After a user confirms a car booking, They can see the list of bookings in the booking page, you can alternatively navigate to bookings page via the nav bar

[Logout](#)
[Cars](#)
[Bays](#)
[Admin](#)
[Bookings](#)
[Profile](#)

## Booking detail

Booking ID	Car ID	Start Bay ID	End Bay ID	Start Date	End Date	Duration	Rate	Action
234	1	1	0	18/05/2021, 11:22:50	Not completed	Not completed	\$15.50	<a href="#">Delete Booking</a>
283	2	1	0	30/05/2021, 20:20:32	Not completed	Not completed	\$350.00	<a href="#">Delete Booking</a>

Sign up for our newsletter  [Subscribe](#)  
 Stay updated about our latest car additions. Sign-up for our newsletter.

All bookings are listed in a table format and each booking can be deleted with the delete button under actions

## Bays Page

[Logout](#)
[Cars](#)
[Bays](#)
[Admin](#)
[Bookings](#)
[Profile](#)

Bay ID	Location	Maximum Capacity	
1	Central Melbourne	6	<a href="#">view bay</a>
2	East Melbourne	12	<a href="#">view bay</a>
3	Echuca	45	<a href="#">view bay</a>
163	Epping	31	<a href="#">view bay</a>

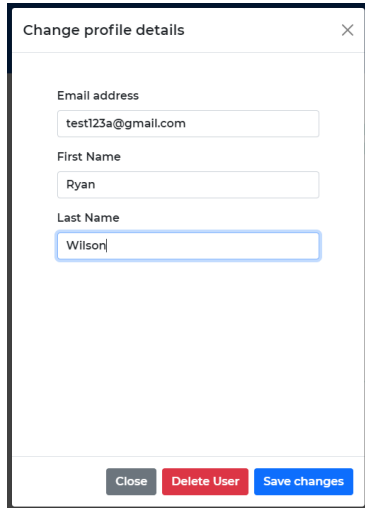
Sign up for our newsletter  [Subscribe](#)  
 Stay updated about our latest car additions. Sign-up for our newsletter.

The bays page shows you a list of bays, maximum capacity of each bay and also the location of them.



## Edit Profile

Click the profile button from the nav bar allows a user to change profile information such as first name, last name and email address.

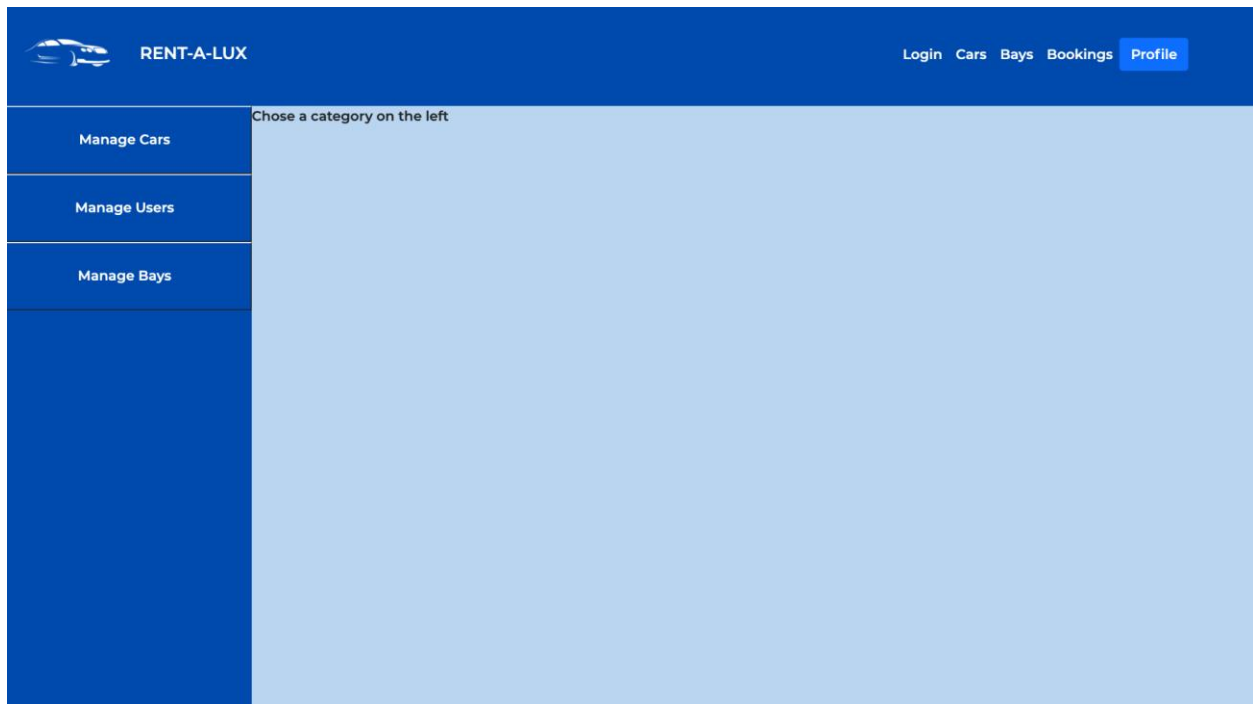


The screenshot shows a modal dialog box titled "Change profile details" with a close button (X) in the top right corner. The dialog contains three text input fields: "Email address" with the value "test123a@gmail.com", "First Name" with the value "Ryan", and "Last Name" with the value "Wilson". At the bottom of the dialog, there are three buttons: "Close" (grey), "Delete User" (red), and "Save changes" (blue).

Clicking on save changes will later save the changes onto the database.  
Clicking on delete user will delete those user details if it exists in the database.

## Admin Privileges

An admin user account has access to special features and privileges that other users don't. Once a user logs in with admin profile credentials, a new button will pop up in the navbar called 'admin'. If you go into the admin page this is how it would look like:



## Managing Cars

It includes a sidebar for an admin to navigate managing cars, user and bays

The screenshot shows the Rent-A-Lux dashboard. The top navigation bar includes 'Logout', 'Cars', 'Bays', 'Admin', 'Bookings', and 'Profile'. The left sidebar has 'Manage Cars', 'Manage Users', and 'Manage Bays'. The main content area is titled 'Cars' and displays a table with columns: car\_id, year, cost, color, liscence\_plate, make, bay, and an 'Edit' button. Below the table is an 'Add Car' button.

car_id	year	cost	color	liscence_plate	make	bay	
1	1970	15000	Orrange	yzr831	Ford	1	<button>Edit</button>
2	2020	350	black		Lambo	1	<button>Edit</button>
3	2008	40	blue	tsr_321	Toyota	1	<button>Edit</button>
4	2008	30000	black	ysr831	ford	2	<button>Edit</button>
200	2008	30000	black	ysr831	ford	2	<button>Edit</button>
201	2006	300	blue	ysr831	holden	1	<button>Edit</button>
202	2002	80	black	123456	ford	1	<button>Edit</button>

Add Car

### Adding a new car

Clicking the add car button will open the following modal, completing the modal and clicking "Create new car" will add the car to the system

The modal form for creating a new car includes the following fields:

- ID: Automatic
- Year:
- cost:
- color:
- liscence\_plate:
- make:
- bay:

Create new Car

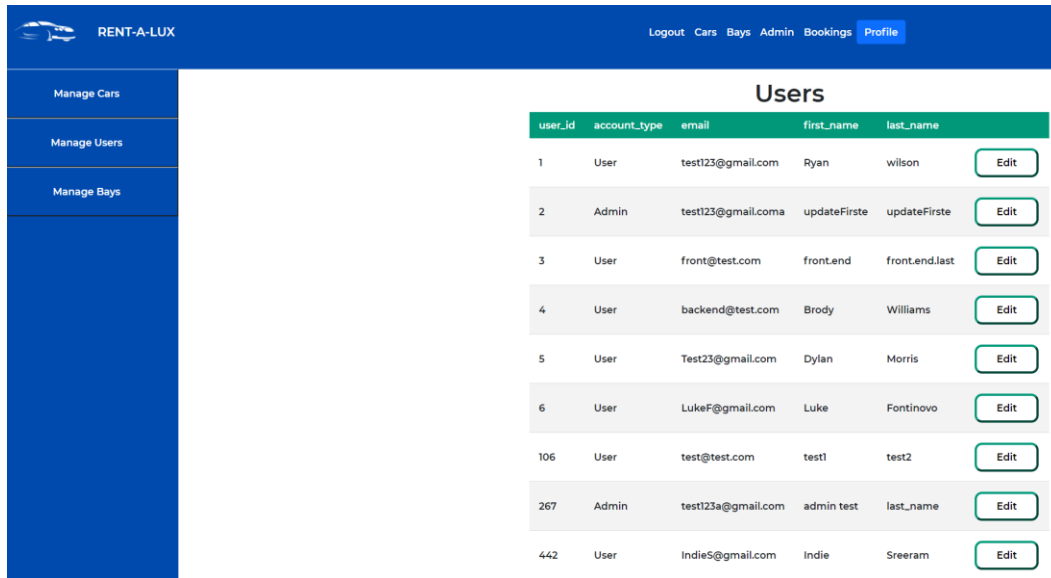
## Editing an existing car

At the end of each row of the cars table you will see a button that says “Edit”, clicking this button will open a modal that is already filled in, editing any of these values and clicking “Update existing car” will update the cars information in the system.

ID
3
Year
2008
cost
40
color
blue
licence_plate
tsr_321
make
Toyota
bay
1
<div>Update Existing Car</div>

## Managing Users

The portal to manage users can be accessed by clicking the “Manage Users” Button on the left hand side of the admin portal



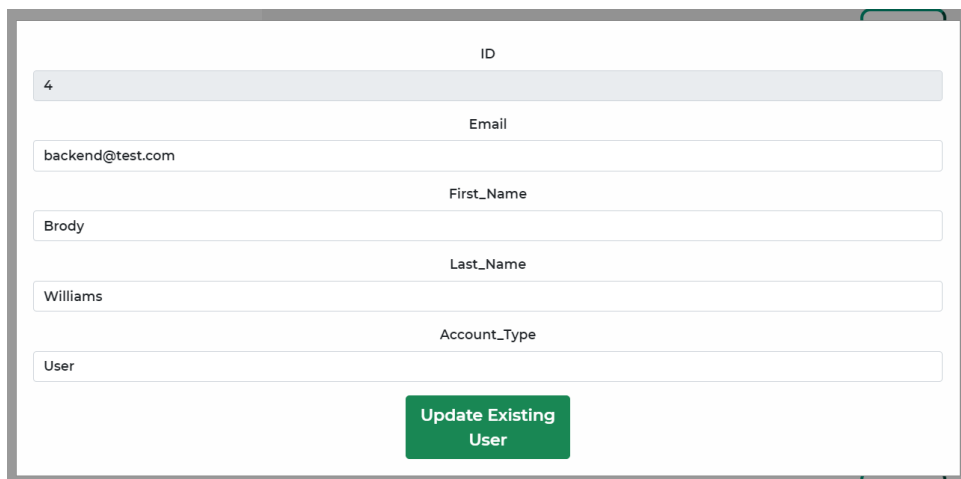
user_id	account_type	email	first_name	last_name	
1	User	test123@gmail.com	Ryan	wilson	<button>Edit</button>
2	Admin	test123@gmail.coma	updateFirste	updateFirste	<button>Edit</button>
3	User	front@test.com	front.end	front.end.last	<button>Edit</button>
4	User	backend@test.com	Brody	Williams	<button>Edit</button>
5	User	Test23@gmail.com	Dylan	Morris	<button>Edit</button>
6	User	LukeF@gmail.com	Luke	Fontinovo	<button>Edit</button>
106	User	test@test.com	test1	test2	<button>Edit</button>
267	Admin	test123a@gmail.com	admin test	last_name	<button>Edit</button>
442	User	IndieS@gmail.com	Indie	Sreeram	<button>Edit</button>

### Adding a new user

Administrators cannot add a new user, they must get the person to register a new account, and then the administrator can update the information in that account from the admin portal

### Editing an existing user

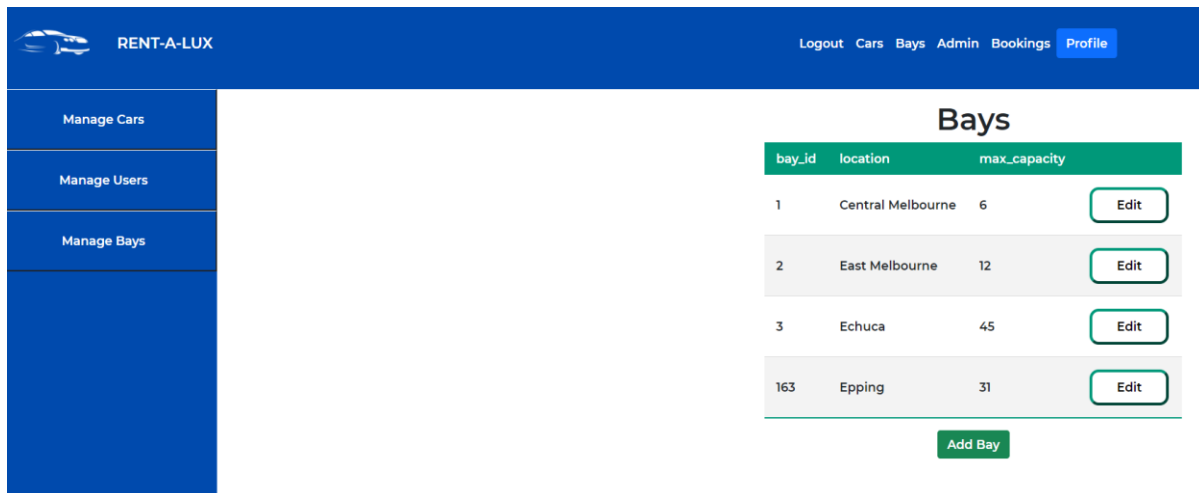
At the end of each row of the Users table you will see a button that says “Edit”, clicking this button will open a modal that is already filled in, editing any of these values and clicking “Update existing user” will update the user information in the system.



ID	4
Email	backend@test.com
First_Name	Brody
Last_Name	Williams
Account_Type	User
<button>Update Existing User</button>	

## Managing Bays

The portal to manage bays can be accessed by clicking the “Manage Bays” Button on the left hand side of the admin portal



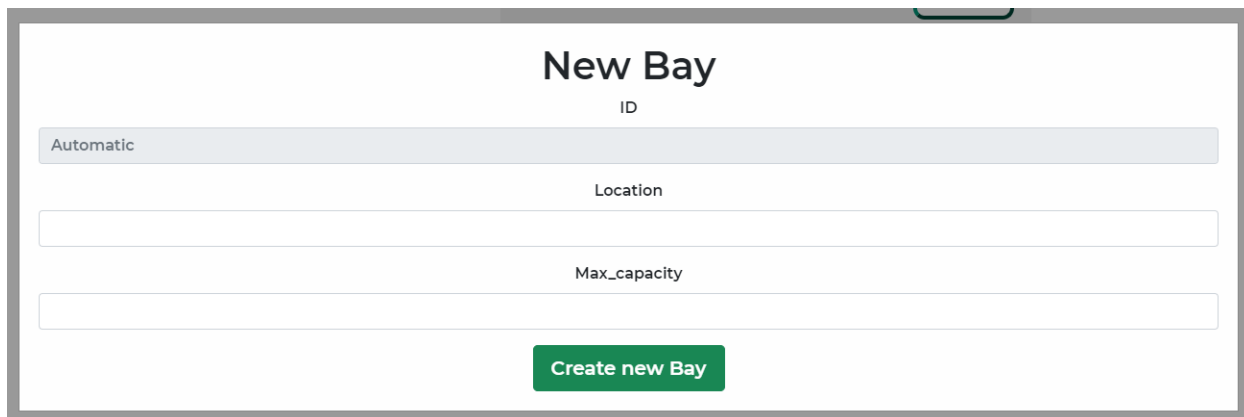
The screenshot shows the Rent-A-Lux admin portal. The top navigation bar includes 'Logout', 'Cars', 'Bays', 'Admin', 'Bookings', and 'Profile'. The left sidebar has 'Manage Cars', 'Manage Users', and 'Manage Bays'. The main content area is titled 'Bays' and displays a table with columns 'bay\_id', 'location', and 'max\_capacity'. The table lists four bays: 1 (Central Melbourne, 6), 2 (East Melbourne, 12), 3 (Echuca, 45), and 163 (Epping, 31). Each row has an 'Edit' button. Below the table is an 'Add Bay' button.

bay_id	location	max_capacity	
1	Central Melbourne	6	Edit
2	East Melbourne	12	Edit
3	Echuca	45	Edit
163	Epping	31	Edit

Add Bay

### Add a new bay

Clicking the “Add Bay” button will open the following modal, completing the modal and clicking “Create new Bay” will add the bay to the system



The 'New Bay' modal form has a title 'New Bay' and a label 'ID'. Below the title is a text input field with the value 'Automatic'. Below this is a label 'Location' and a text input field. Below that is a label 'Max\_capacity' and a text input field. At the bottom is a green button labeled 'Create new Bay'.

New Bay

ID

Automatic

Location

Max\_capacity

Create new Bay



## Editing an existing bay

At the end of each row of the Users table you will see a button that says “Edit”, clicking this button will open a modal that is already filled in, editing any of these values and clicking “Update existing user” will update the user information in the system.

### Editing Bay 2

ID

2

Location

East Melbourne

Max\_capacity

12

Update Existing Bay

## Troubleshooting

### Rent-A-Lux Website

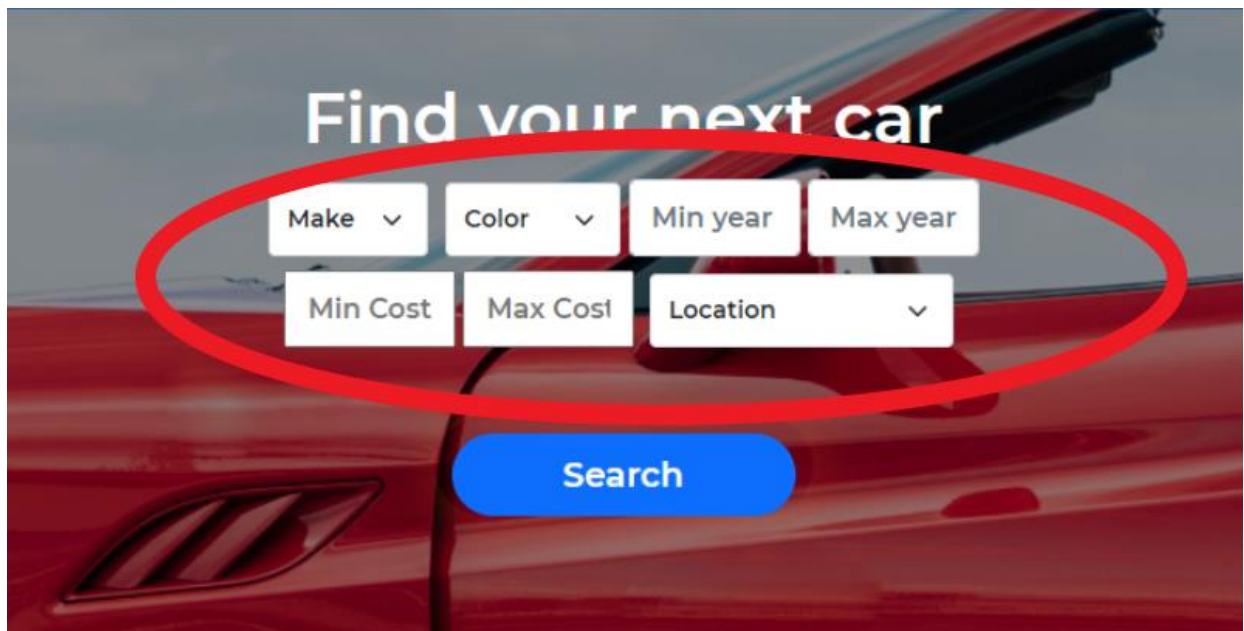
#### The page wont load/session time out

If your problem is that the page wont load, or you are getting a session time out error then the issue could be one of the following

- Ensure that your device has a working connection to the internet.
- Make sure that your Wi-Fi password has been put in properly, or try using a different ethernet cable if you are on a cabled connection.
- If you are using mobile data then clarify that you still have data being used and that you are in an area that is being serviced by your internet provider.
- Try resetting your router's cache
- Try power-cycling your router
- Clear your browsers cache and relaunch your webpage

#### Cars aren't showing up on the cars page

If your problem is that cars are not displaying on the cars page then the issue is probably that you have got too many filters applied to your search, in order to solve this problem try and increase your search so that more cars will show up.



## Invalid Log in

If your issue is that you are unable to login, then try the following

- Make sure you have a connection to the internet
- Make sure you are using the correct email
- Make sure you are using the correct password (It is case sensitive)
- If the issue persists, reach out to our support team at [support@rentalux.com.au](mailto:support@rentalux.com.au)

## The requested page cannot be found

If you are getting an error page that says “The requested page cannot be found” then you have probably clicked on an old link or navigated somewhere you shouldn’t have, to solve this problem simply click on any of the buttons on the navbar in order to get back onto the main website