

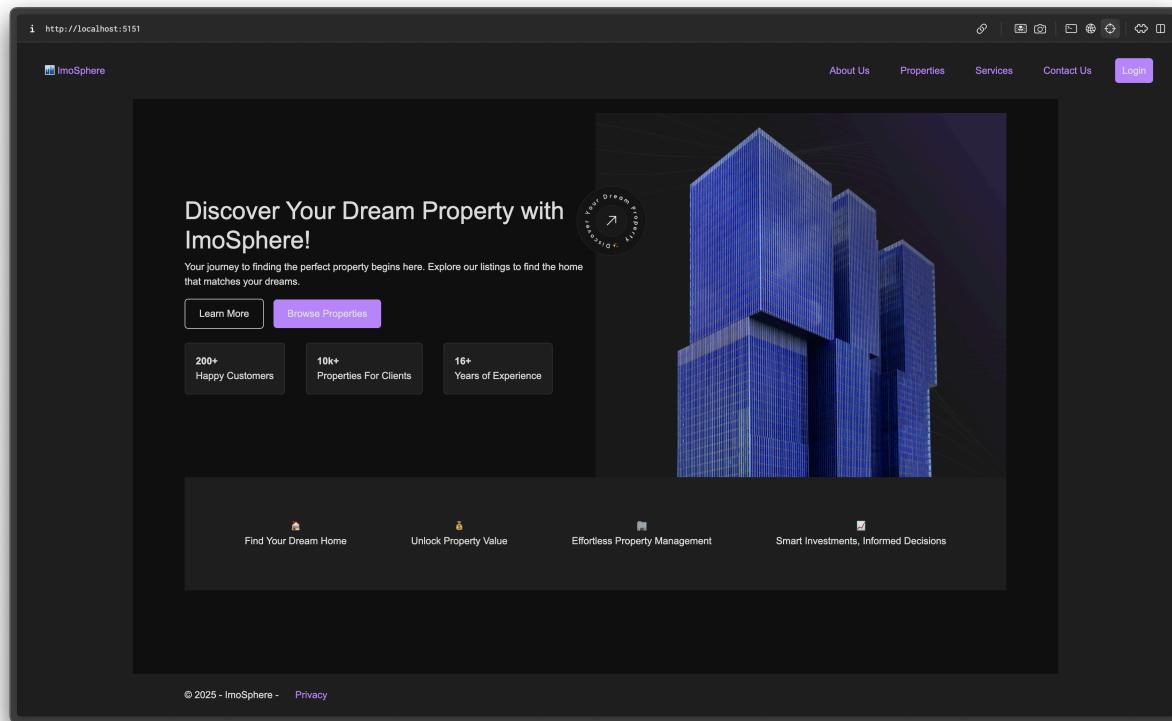
User Manual

Este projeto contém 4 tipos de utilizadores:

- Utilizador não registado/convidado;
- Utilizador registado (User);
- Vendedor (Seller);
- Administrador (Admin).

Utilizador não registado/convidado

Quando se entra na ImoSphere, encontra-se a página principal:



Esta contém a página Inicial, a apresentar a aplicação.

A barra de navegação contém:

- "ImoSphere" ou o "Home" - para voltar à página principal
 - Esta contém dois botões:
 - "Learn More" que redireciona para a "About Us"
 - "Browse Properties" que redireciona para "Properties"
- "About Us" - uma página a explicar o conceito da aplicação e também os créditos

i http://localhost:5151/Home/AboutUs

ImoSphere

About Us Properties Services Contact Us Login

About Us

Welcome to ImoSphere! We are dedicated to helping you find your dream property with ease and confidence.

Our Journey

Our story is one of continuous growth and evolution. We started as a small team with big dreams, determined to create a real estate platform that transcended the ordinary. Over the years, we've expanded our reach, forged valuable partnerships, and gained the trust of countless clients.

200+ Happy Customers 10k+ Properties For Clients 16+ Years of Experience



Our Values

Our story is one of continuous growth and evolution. We started as a small team with big dreams, determined to create a real estate platform that transcended the ordinary.

Integrity: We believe in transparency and honesty in all our dealings.
Innovation: We continuously improve our platform to meet your needs.
Customer Focus: Your satisfaction is our top priority.
Integrity: We believe in transparency and honesty in all our dealings.

Our Team

At ImoSphere, our success is driven by the dedication and expertise of our team. Get to know the people behind our mission to make your real estate dreams a reality.

Alexandre Miguel 202200037 Max Rossa 202200603

localhost:5151/Home/AboutUs © 2025 - ImoSphere - Privacy

Esta contém uma descrição da empresa e no final os créditos. É comum a todos os utilizadores.

- “Properties” - uma página com as propriedades listadas

i http://localhost:5151/Home/Properties

ImoSphere

About Us Properties Services Contact Us Login

Our Properties

Explore the wide variety of properties available with ImoSphere. Find your dream home today!



Luxury Apartment

2 Bedrooms
2 Bathrooms
120 sq ft
Downtown
Built In 2015

Located in the heart of the city, this apartment offers stunning views and modern amenities.

Price: \$500,000.00

[View Details](#)



Cozy Cottage

3 Bedrooms
2 Bathrooms
150 sq ft
Countryside
Built in 2005

A charming cottage in the countryside, perfect for a peaceful retreat.

Price: \$250,000.00

[View Details](#)



Beachfront Villa

4 Bedrooms
3 Bathrooms
350 sq ft
Beachfront
Built in 2020

Enjoy the ocean breeze in this luxurious villa with private beach access.

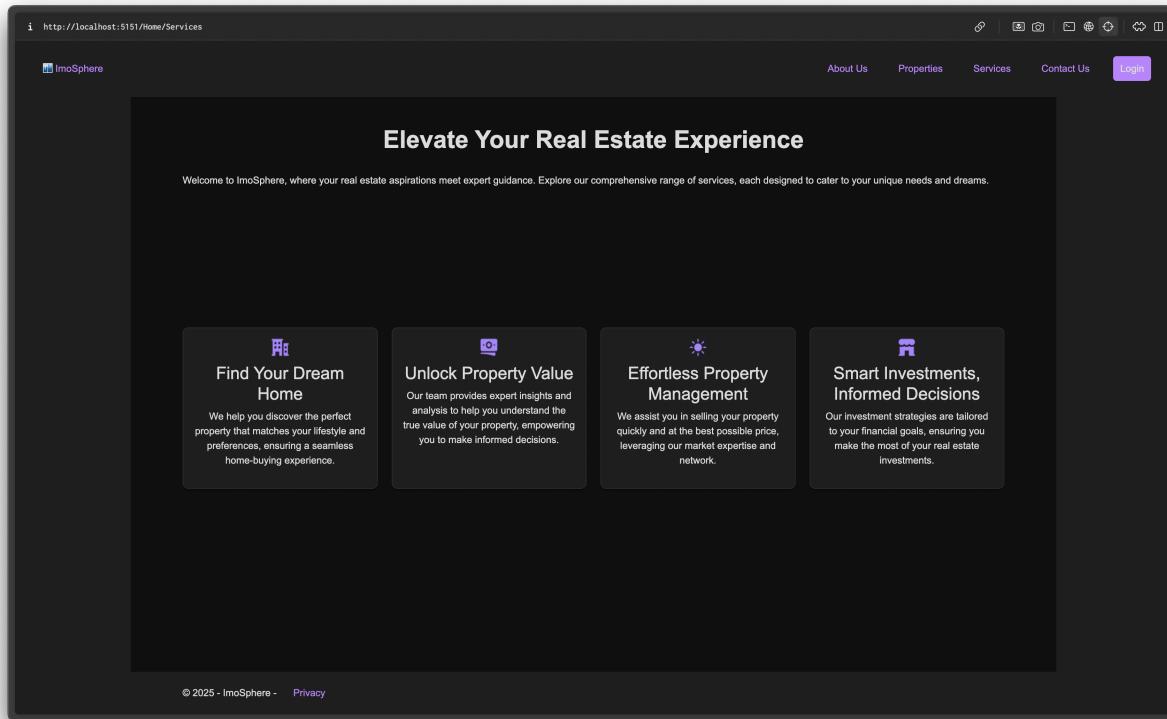
Price: \$1,200,000.00

[View Details](#)

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Esta contém as propriedades listadas na base de dados. Como utilizador não registado/convidado, apenas tem acesso a ver as descrições base das propriedades. Se clicar no "View Details" irá reencaminhar para a página de Login.

- "Services" - a apresentar os serviços disponíveis



Esta contém uma descrição dos serviços prestados pela empresa. É comum a todos os utilizadores.

- "Contact Us" - uma página que contém os contactos da ImoSphere e um formulário para enviar uma mensagem ao(s) administrador(es):

The screenshot shows a dark-themed web page titled "Contact Us". At the top, there are four contact links: "info@ImoSphere.com" (envelope icon), "+1 (123) 456-7890" (phone icon), "Main Headquarters" (location pin icon), and "Social Media" (globe icon). Below these are three input fields labeled "Name", "Email", and "Message", each with a corresponding placeholder text area. A purple "Send Message" button is at the bottom. The URL in the address bar is "http://localhost:5151/Home/ContactUs". The top navigation bar includes "About Us", "Properties", "Services", "Contact Us", and a "Login" button.

If you have any questions or need more information, feel free to reach out to us!

info@ImoSphere.com +1 (123) 456-7890 Main Headquarters Social Media

Name

Email

Message

Send Message

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Página com os contactos principais da ImoSphere. Esta contém um formulário que pode ser preenchido por qualquer utilizador. Após ser preenchida com nome, email e a mensagem pretendida é mostrada uma mensagem de validação:

This screenshot shows the same "Contact Us" page after a message has been sent successfully. The "Send Message" button is now greyed out. A green horizontal bar at the top of the form area displays the message "Your message has been sent successfully!". The rest of the page structure is identical to the first screenshot, including the contact links and input fields.

Your message has been sent successfully!

info@ImoSphere.com +1 (123) 456-7890 Main Headquarters Social Media

Name

Email

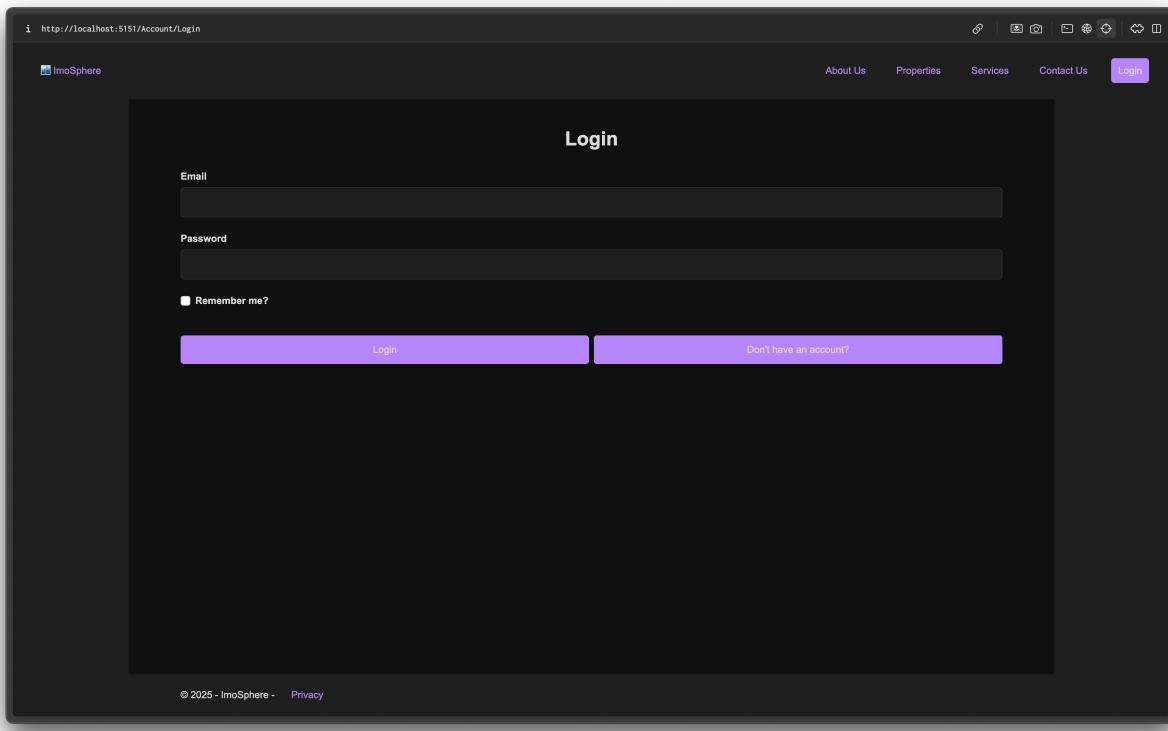
Message

Send Message

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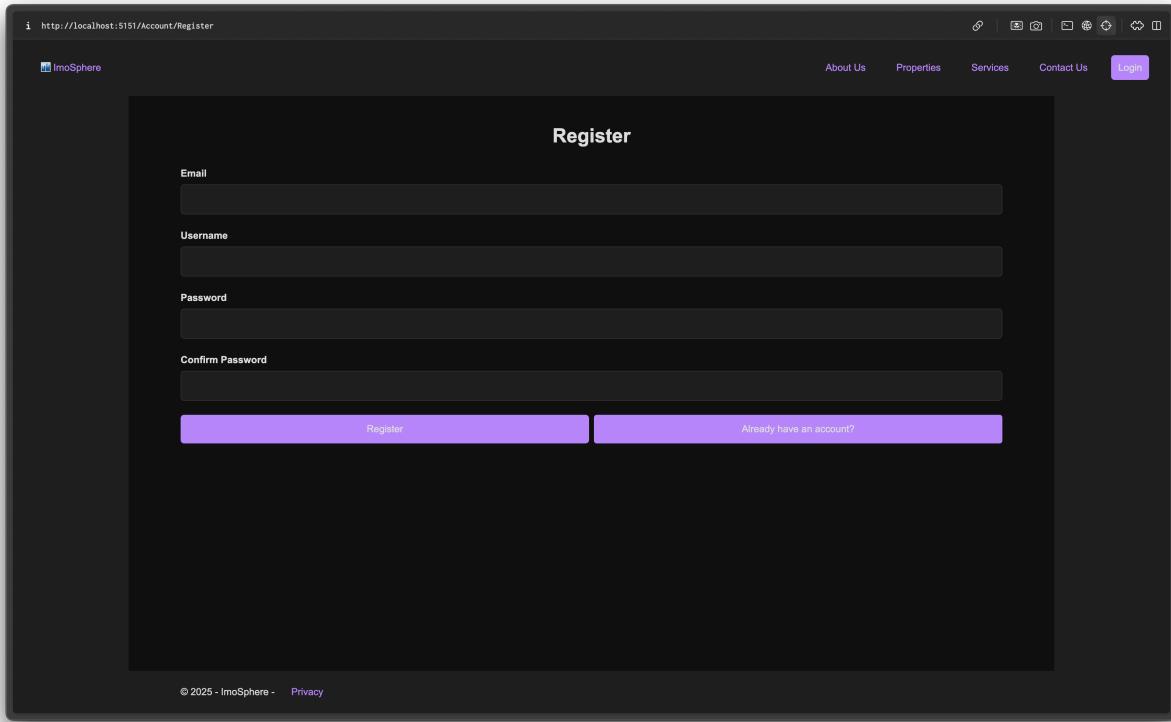
Página comum com Sellers e utilizadores registados.

- “Login” - para entrar com uma conta:

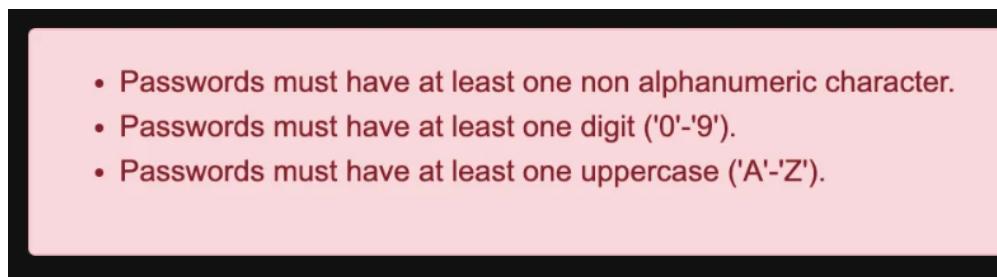
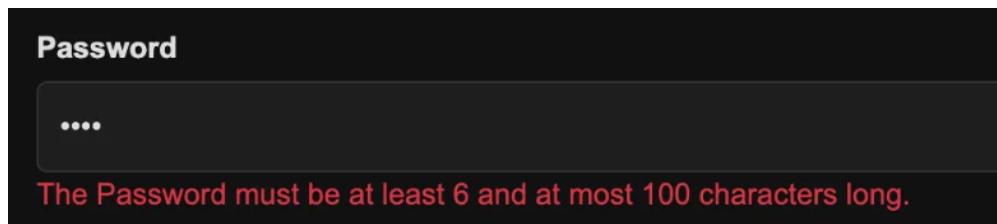


Um Login semelhante a outras plataformas onde se entra com o email e com a password criada.

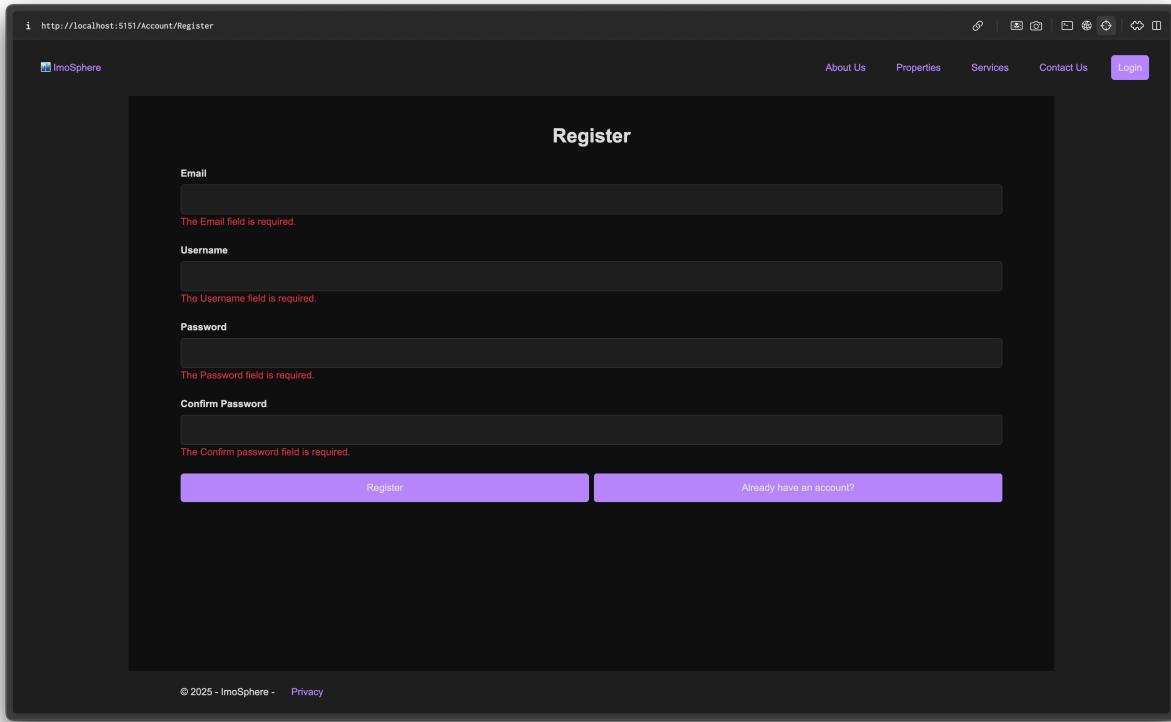
Se pretender criar uma conta basta clicar no “Don’t have an account?” que leva para a página de “Register”:



Podemos criar uma conta com um email, um nome de utilizador e uma password, onde esta última tem que se a confirmar para poder ser criada. Existem outras restrições da password, como:



Os campos precisam de estar todos bem preenchidos e as password nos dois campos têm que coincidir para se poder criar uma conta.



Para demonstração foi criada a conta, apesar de haver já utilizadores criados previamente:

- email: alex-miguel@imosphere.com
- username: AlexMiguel
- password: Alex@123

Depois é redirecionada para a página "Login novamente"

No footer encontra-se apenas a "Privacy", uma página de privacidade que indica meios de suporte bem como contactos de endereço eletrónico dos criadores

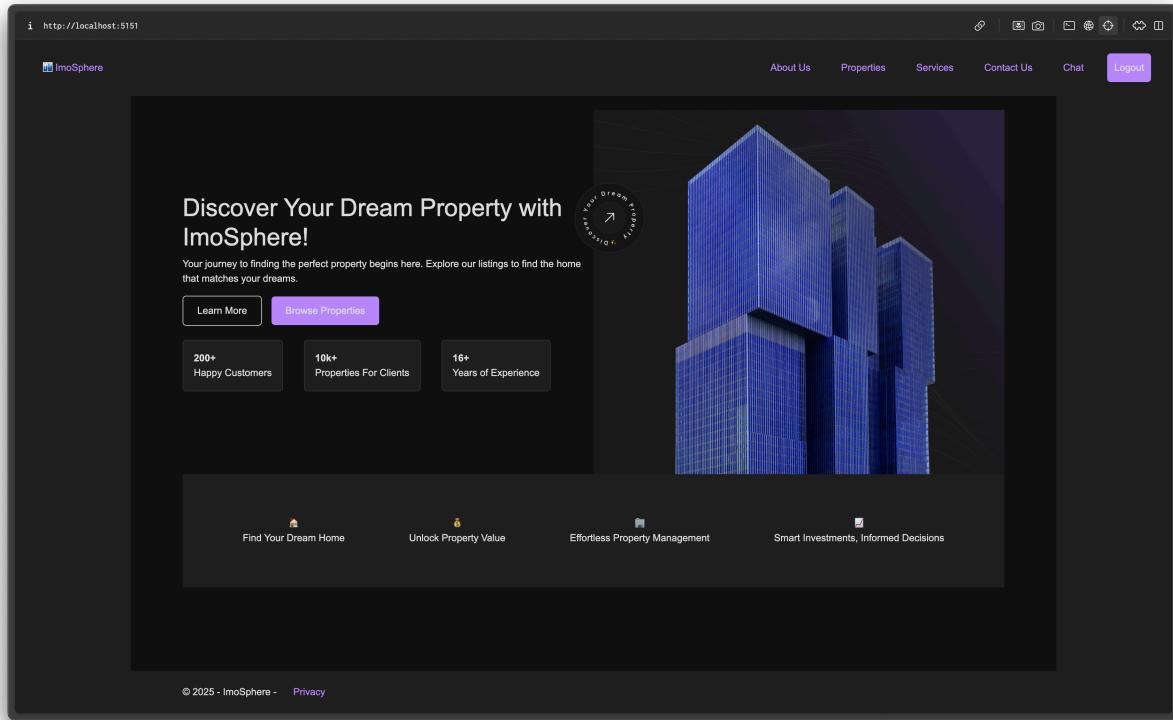
The screenshot shows a web browser window with the URL <http://localhost:5151/Home/Privacy>. The page has a dark background with white text. At the top, there is a navigation bar with links for About Us, Properties, Services, Contact Us, and a purple Login button. Below the navigation bar, the title "Privacy Policy" is centered. A sub-header states: "Your privacy is important to us. This privacy policy explains how we collect, use, and protect your information." Under "Information We Collect", it says: "We may collect the following types of information:" followed by a bulleted list: "Personal information you provide to us, such as your name, email address, and contact details." and "Information about your use of our website, including IP address, browser type, and pages visited." Under "How We Use Your Information", it says: "We use the information we collect to:" followed by a bulleted list: "Provide and improve our services.", "Respond to your inquiries and support requests.", and "Analyze website usage and improve user experience." Under "How We Protect Your Information", it says: "We implement appropriate technical and organizational measures to protect your personal information from unauthorized access, disclosure, or misuse." Under "Cookies", it says: "Our website uses cookies to enhance your browsing experience. You can manage your cookie preferences through your browser settings." Under "Third-Party Services", it says: "We may share your information with trusted third-party services to help us operate our website and provide our services. These third parties are obligated to protect your information." Under "Your Rights", it says: "You have the right to access, update, or delete your personal information. To exercise these rights, please contact us." Under "Contact Us", it says: "If you have any questions about this privacy policy, please contact us; Alexandre Miguel: 202200037@estudantes.ips.pt or Max Rossa: 202200603@estudantes.ips.pt". At the bottom left, there is a footer with the text "© 2025 - ImoSphere - [Privacy](#)".

Utilizador registrado

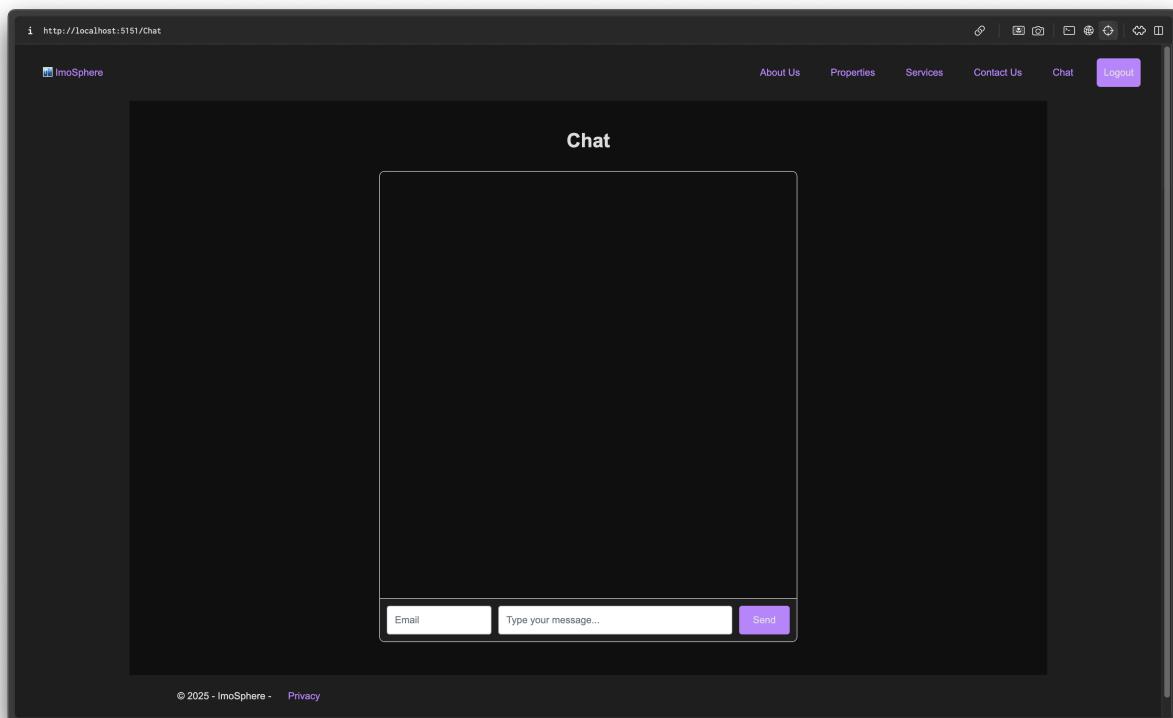
Ao entrar com a conta criada ou com a já criada previamente:

- email: user@imosphere.com
- password: User@123

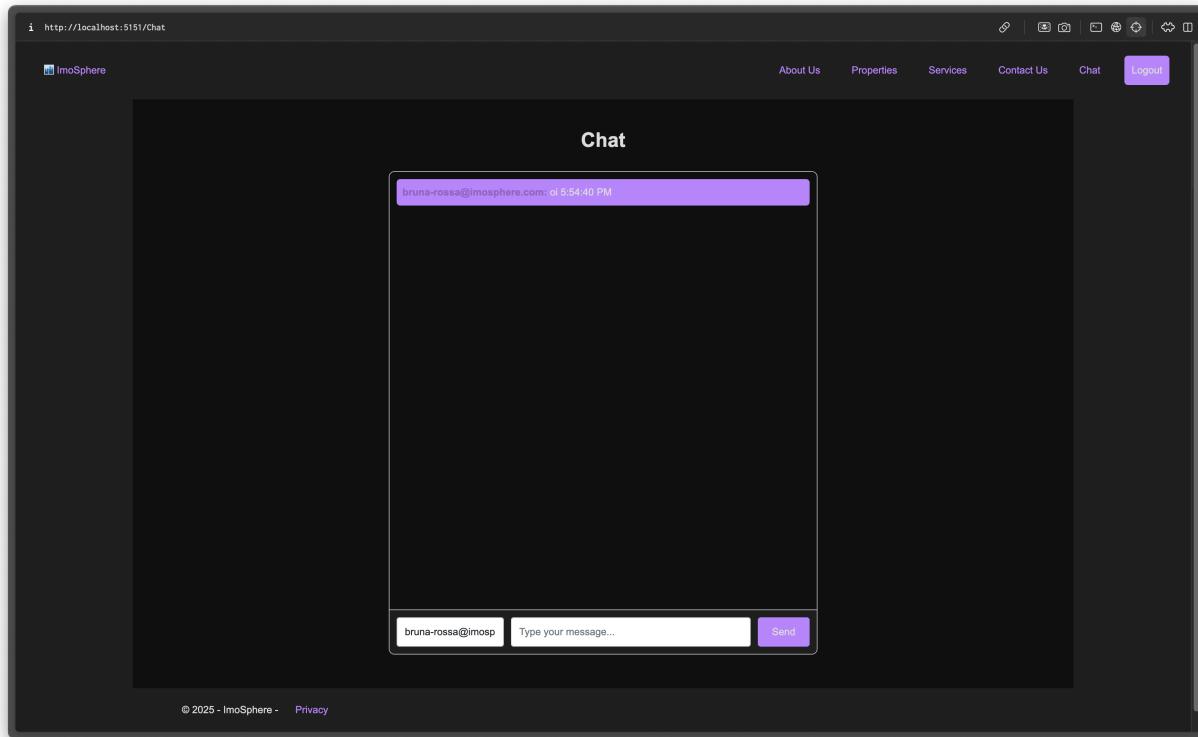
Agora encontramos mais dois botões na barra de navegação:



- “Chat” – uma página com sistema de conversa.



Nesta página é possível inserir um email e “enviar” uma mensagem. É indicado a hora que foi enviado



Esta página apenas está para fins de demonstração. Não foi implementado um sistema real de comunicação. Esta página é comum aos Sellers e Admins

- “Logout” - para sair da conta

Vendedor (Seller)

Entrando com a conta já criada previamente:

- email: seller@imosphere.com
- password: Seller@123

E ao entrar nas “Properties”:

i http://localhost:5151/Home/Properties

ImoSphere

About Us Properties Services Contact Us Chat Logout

Our Properties

Explore the wide variety of properties available with ImoSphere. Find your dream home today!

+ Add New Property



Luxury Apartment

2 Bedrooms
2 Bathrooms
120 sq ft
Downtown
Built in 2015

Located in the heart of the city, this apartment offers stunning views and modern amenities.

Price: \$500,000.00

[Details](#) [Edit](#)



Cozy Cottage

3 Bedrooms
2 Bathrooms
150 sq ft
Countryside
Built in 2005

A charming cottage in the countryside, perfect for a peaceful retreat.

Price: \$250,000.00

[Details](#) [Edit](#)



Beachfront Villa

4 Bedrooms
3 Bathrooms
350 sq ft
Beachfront
Built in 2020

Enjoy the ocean breeze in this luxurious villa with private beach access.

Price: \$1,200,000.00

[Details](#) [Edit](#)

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conseguimos além de visualizar,

i http://localhost:5151/Properties/Details/2

ImoSphere

About Us Properties Services Contact Us Chat Logout

Cozy Cottage

Description

A charming cottage in the countryside, perfect for a peaceful retreat.

Location:
Countryside

Price:
\$250,000.00



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editar

The screenshot shows a web browser window with the URL <http://localhost:5151/Properties/Edit/2>. The page title is "Edit Property". The form contains the following data:

Field	Value
Name	Cozy Cottage
Description	A charming cottage in the countryside, perfect for a peaceful retreat.
Price	250000.00
Bedrooms	3
Bathrooms	2
YearBuilt	2005
Location	Countryside
Area	150

At the bottom left, it says "© 2025 - ImoSphere - [Privacy](#)". At the top right, there are navigation links: About Us, Properties, Services, Contact Us, Chat, and a purple "Login" button.

e criar propriedades:

Add New Property

Name

Description

Price

Bedrooms

Bathrooms

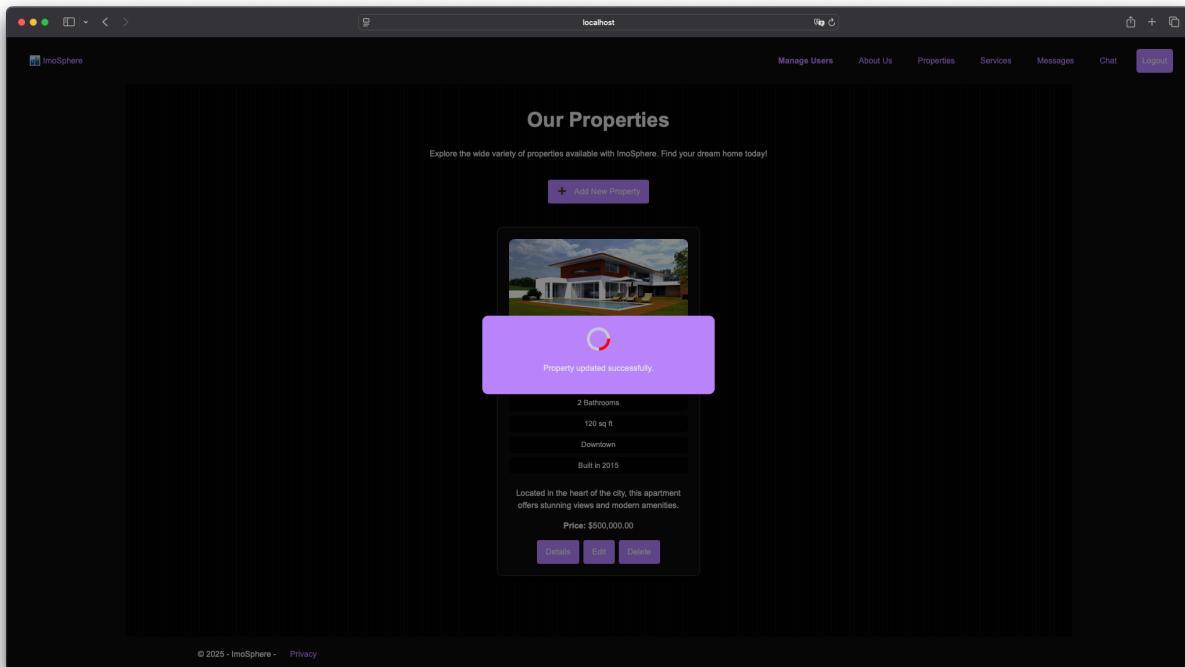
YearBuilt

Location

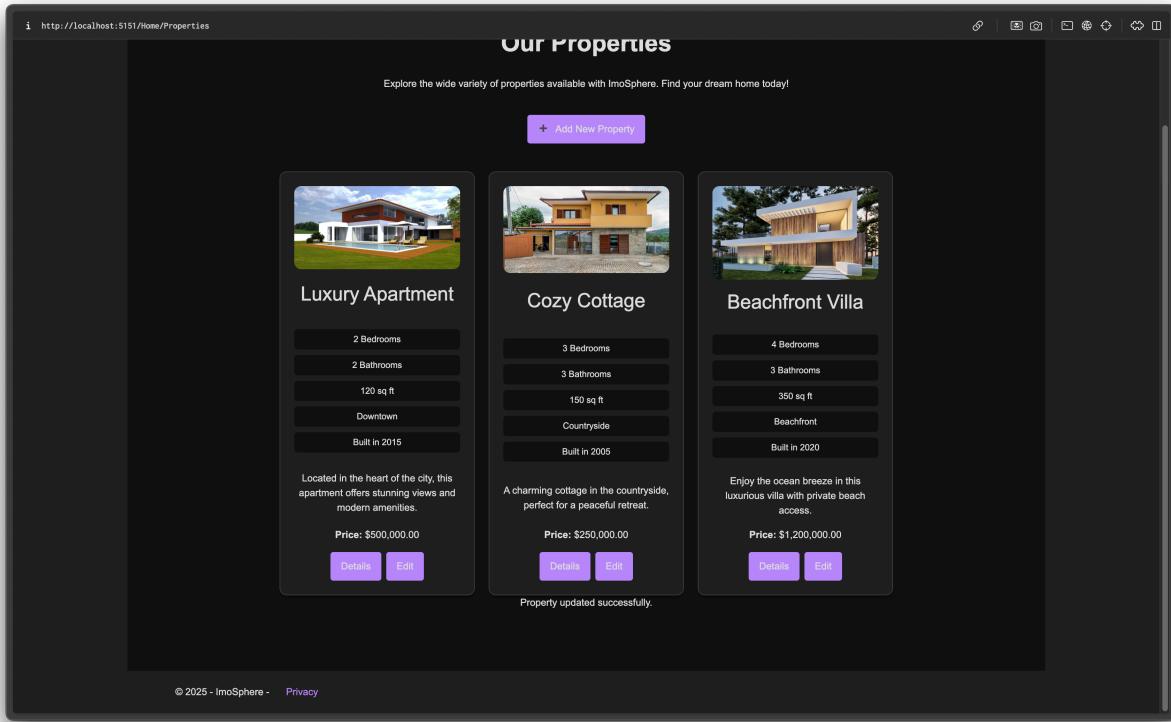
Area

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Sendo que todas essas ações são terminadas com um Popup que indica o seu sucesso:



Nota: este popup foi testado com dois ecrãs onde apenas em um maio é que foi visto o popup corretamente. Ter em atenção que pode não funcionar o popup em todos os ecrãs. Mas o aviso é visível em qualquer ecrã.

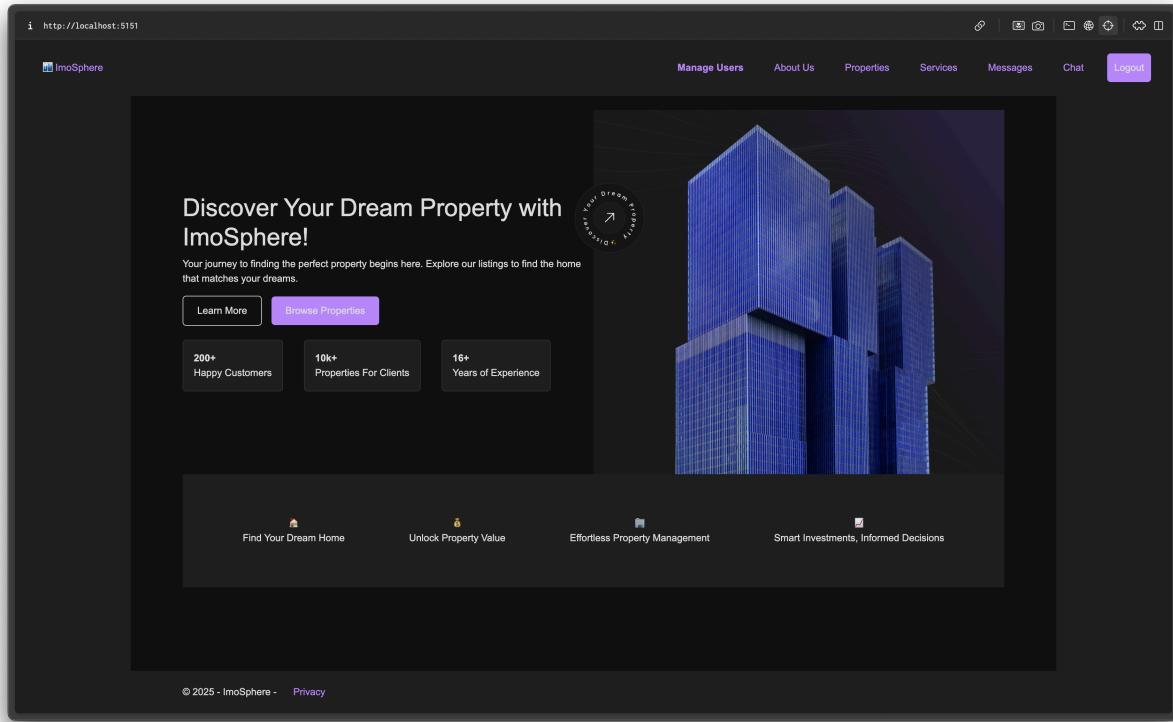


Esta página é comum com o Admin.

Administrador (Admin)

Entrando com a conta já criada previamente:

- email: admin@imosphere.com
- password: Admin@123



Temos outras páginas que apenas o Admin tem acesso:

- “Manage Users” - onde ocorre a administração dos utilizadores

Aqui pode-se criar, editar e apagar os utilizadores criados.

The screenshot shows a dark-themed web application window titled "Manage Users". At the top, there is a navigation bar with links for "Manage Users", "About Us", "Properties", "Services", "Messages", "Chat", and "Logout". Below the navigation bar is a purple header bar with the "imoSphere" logo. The main content area is titled "Manage Users" and features a button labeled "+ Create User". A table lists four users with columns for "EMAIL", "USERNAME", "ROLES", and "ACTIONS". The users are:

EMAIL	USERNAME	ROLES	ACTIONS
example-admin@imosphere.com	AdminUser1	Admin	<button>Edit</button> <button>Delete</button>
example-seller@imosphere.com	SellerUser	Seller	<button>Edit</button> <button>Delete</button>
example@imosphere.com	RegularUser	User	<button>Edit</button> <button>Delete</button>
alex-miguel@imosphere.com	alex-miguel	No roles assigned	<button>Edit</button> <button>Delete</button>

At the bottom of the page, there is a footer with the text "© 2025 - ImoSphere - [Privacy](#)".

o Admin pode criar utilizadores Seller e Admin.

The screenshot shows a dark-themed web application window titled "Create User". At the top, there is a navigation bar with links for "Manage Users", "About Us", "Properties", "Services", "Messages", "Chat", and "Logout". Below the navigation bar is a purple header bar with the "imoSphere" logo. The main content area is titled "Create User" and contains a form with fields for "Email", "Username", "Role", and "Password". The "Role" field is currently set to "Admin". At the bottom of the form are two buttons: "Create User" (in purple) and "Cancel".

Editar os utilizadores.

localhost

Manage Users About Us Properties Services Messages Chat login

Edit User

Email
seller@imosphere.com

Username
SellerUser

Role
Admin

New Password

Confirm New Password

Save Cancel

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E apagar, sendo que ao apagar é lançado um aviso.

localhost

Manage Users About Us Properties Services Messages Chat login

Manage Users

User deleted successfully.

+ Create user

EMAIL	USERNAME	ROLES	ACTIONS
admin@imosphere.com	AdminUser	Admin	Edit Delete
seller@imosphere.com	SellerUser	Seller	Edit Delete
user@imosphere.com		User	Edit Delete
alex-miguel@imosphere.com	AlexMiguel	User	Edit Delete

Are you sure you want to delete this user?

Cancel OK

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- “Messages” - onde ocorre a administração das mensagens do “Contact Us”

A screenshot of a web browser displaying the 'Messages' page of the ImoSphere application. The URL in the address bar is <http://localhost:5151/Home/ViewMessages>. The page has a dark theme with purple header and footer elements. At the top right, there are links for 'Manage Users', 'About Us', 'Properties', 'Services', 'Messages', 'Chat', and 'Logout'. The main content area is titled 'Messages' and contains a table with the following data:

NAME	EMAIL	MESSAGE	STATUS	ACTIONS
Alexandre Miguel	alex-miguel@gmail.com	vocês são fixes :D	Unread	<button>Mark as Read</button> <button>Delete</button>

At the bottom left of the page, there is a copyright notice: © 2025 - ImoSphere - [Privacy](#).

Aqui podem-se ver, ver o estado (lida ou não lida), marcar como lida e apagar a mensagem.

A screenshot of a web browser displaying the 'Messages' page of the ImoSphere application. The URL in the address bar is <http://localhost:5151/Home/ViewMessages>. The page has a dark theme with purple header and footer elements. At the top right, there are links for 'Manage Users', 'About Us', 'Properties', 'Services', 'Messages', 'Chat', and 'Logout'. The main content area is titled 'Messages' and contains a table with the following data:

NAME	EMAIL	MESSAGE	STATUS	ACTIONS
Alexandre Miguel	alex-miguel@gmail.com	vocês são fixes :D	Read	<button>Delete</button>

At the bottom left of the page, there is a copyright notice: © 2025 - ImoSphere - [Privacy](#).

Ao se clicar no "Mark as Read" a mensagem agora está no estado "Lida".

The screenshot shows a web application window titled "Messages" at the URL <http://localhost:5151/Home/ViewMessages>. The interface has a dark theme with purple header and footer bars. The main content area displays a table with columns: NAME, EMAIL, MESSAGE, STATUS, and ACTIONS. A single row is present, showing "Alexandre Miguel" as the name, "alex-miguel@gmail.com" as the email, the message "vocês são fixes :D", and two buttons in the ACTIONS column: "Read" (green) and "Delete" (red). A modal dialog box is overlaid on the page, centered, with a dark gray background. It contains a small logo of a person with arms raised, the text "localhost:5151 says", and the question "Are you sure you want to delete this message?". At the bottom are two buttons: "Cancel" (gray) and "OK" (white).

Antes de apagar a mensagem aparece um aviso.

Como administrador tem também a possibilidade de eliminar Propriedades:

http://localhost:5151/Home/Properties

ImoSphere

Manage Users About Us Properties Services Messages Chat Logout

Our Properties

Explore the wide variety of properties available with ImoSphere. Find your dream home today!

+ Add New Property



Luxury Apartment

2 Bedrooms
2 Bathrooms
120 sq ft
Downtown
Built in 2015

Located in the heart of the city, this apartment offers stunning views and modern amenities.

Price: \$500,000.00

Details Edit Delete



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Details Edit Delete



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Details Edit Delete

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Sendo também mostrado um aviso antes de apagar a propriedade.

http://localhost:5151/Home/Properties

ImoSphere

Manage Users About Us Properties Services Messages Chat Logout

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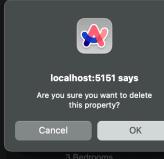
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Details Edit Delete



localhost:5151 says

Are you sure you want to delete this property?

Cancel OK



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