

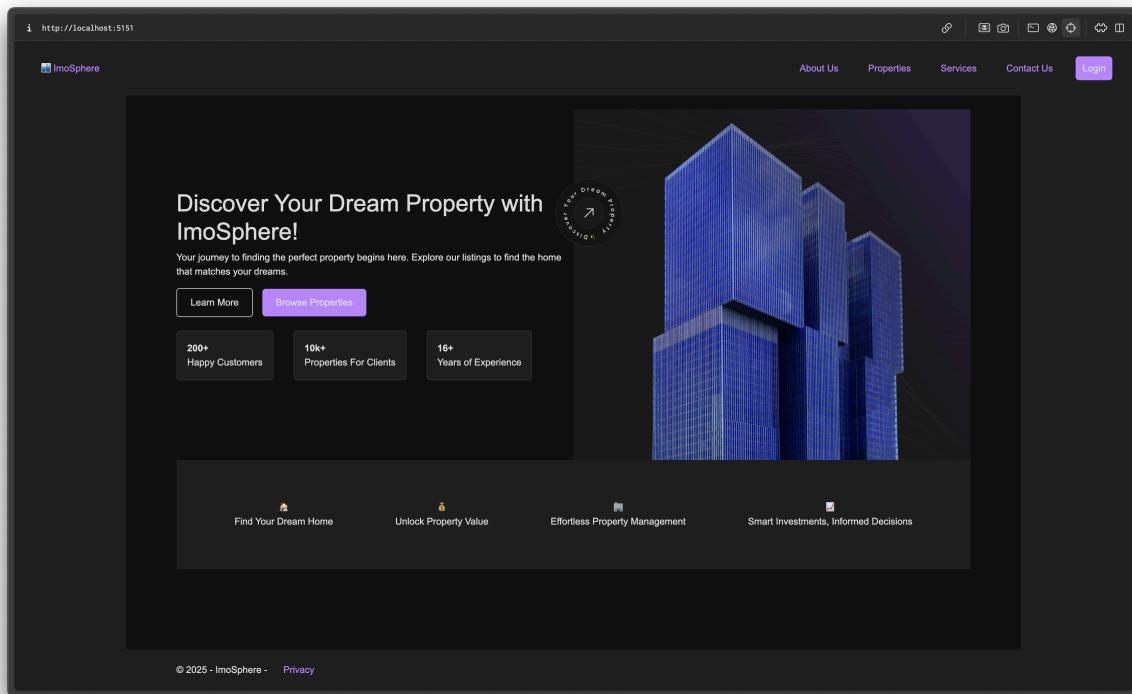
User Manual

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

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

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

- “Properties” - uma página com as propriedades listadas

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.

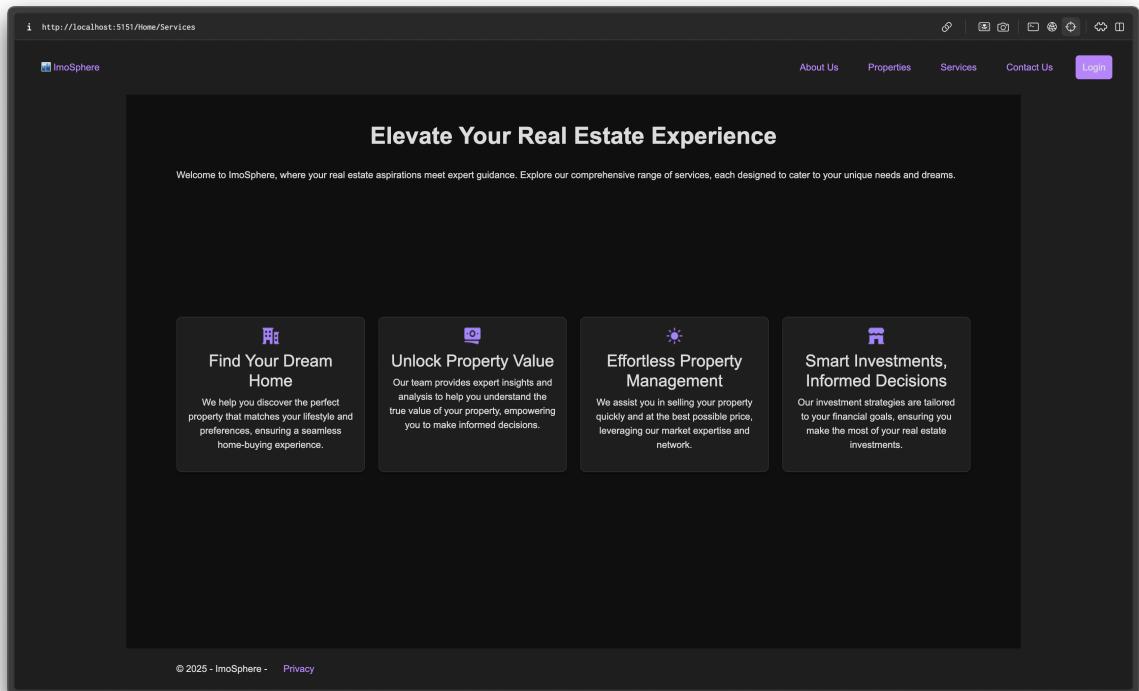
Price: \$1,200,000.00

[View Details](#)

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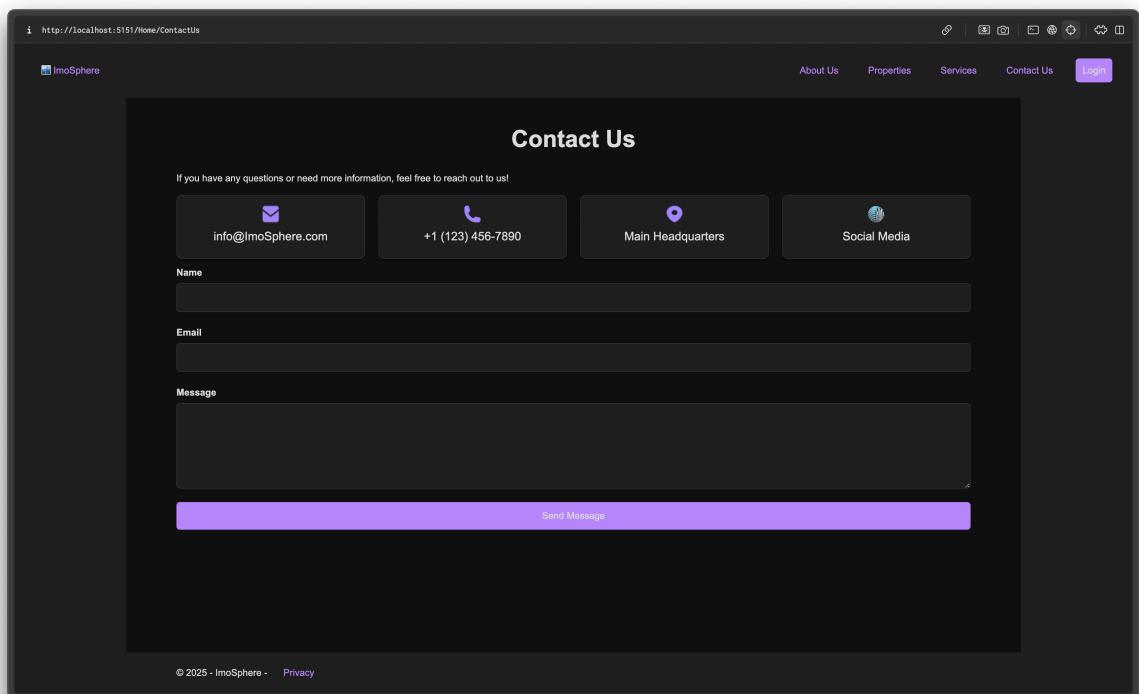
Esta contém as propriedades listadas na base de dados. Como utilizador não registado/convidado, apenas tem acesso a ver as descrições base das propriedades. Se clicar no “View Details” irá reencaminhar para a página de Login.

- “Services” - a apresentar os serviços disponíveis

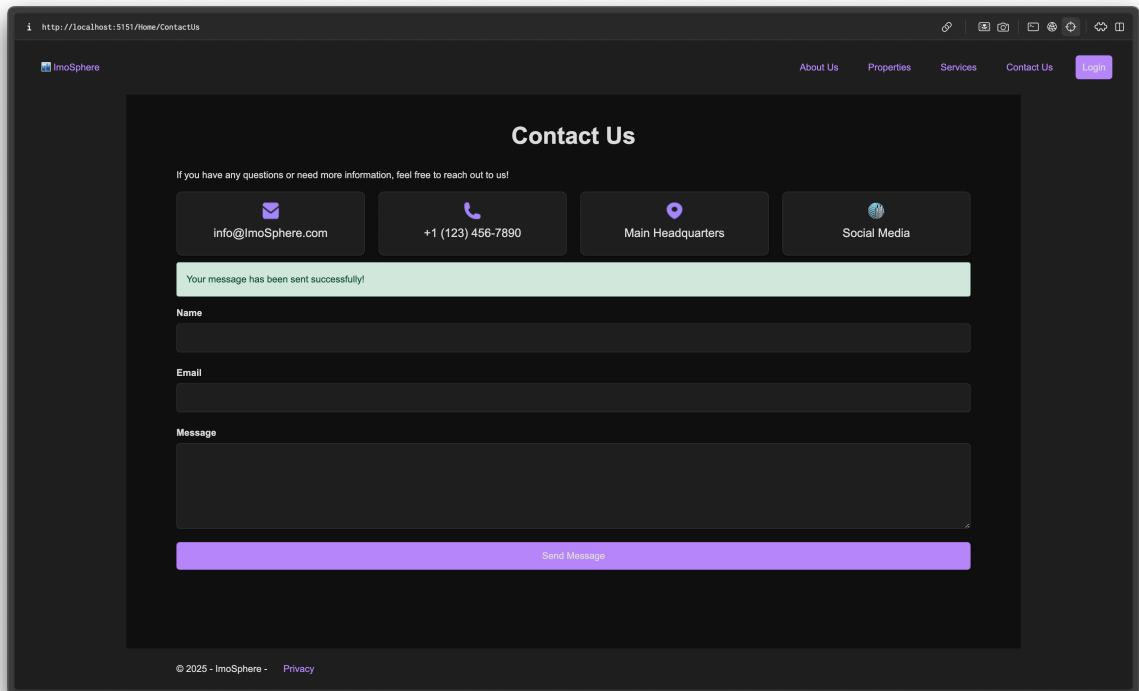


Esta contém uma descrição dos serviços prestados pela empresa. É comum a todos os utilizadores.

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

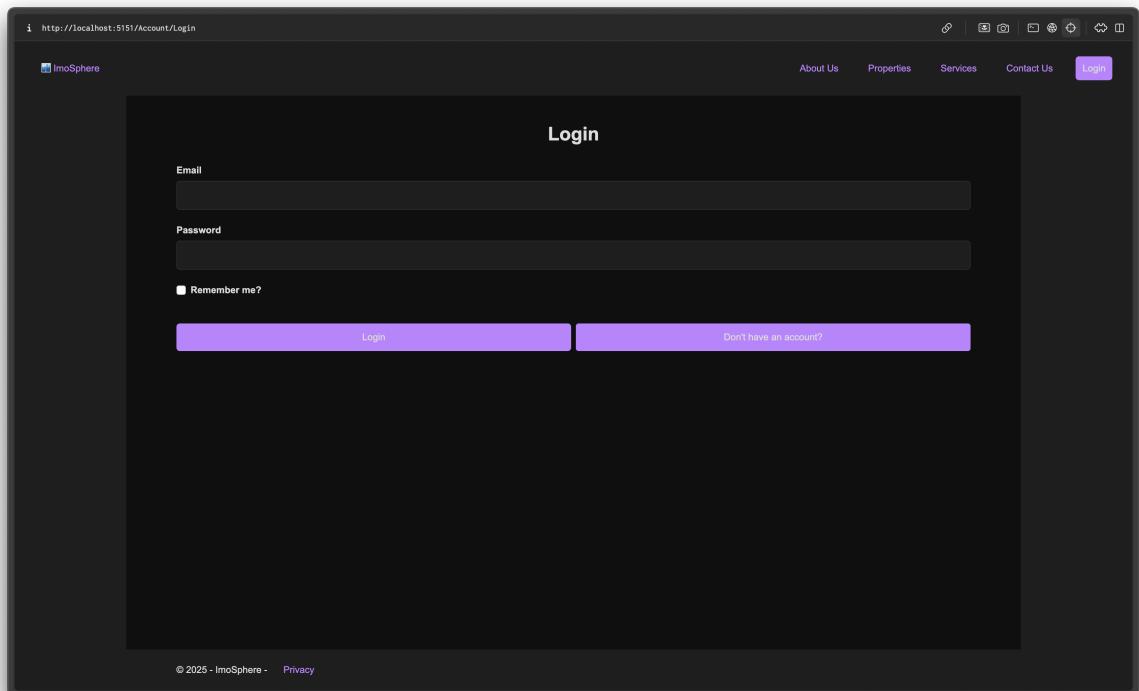


Página com os contactos principais da ImoSphere. Esta contém um formulário que pode ser preenchido por qualquer utilizador. Após ser preenchida com nome, email e a mensagem pretendida é mostrada uma mensagem de validação:



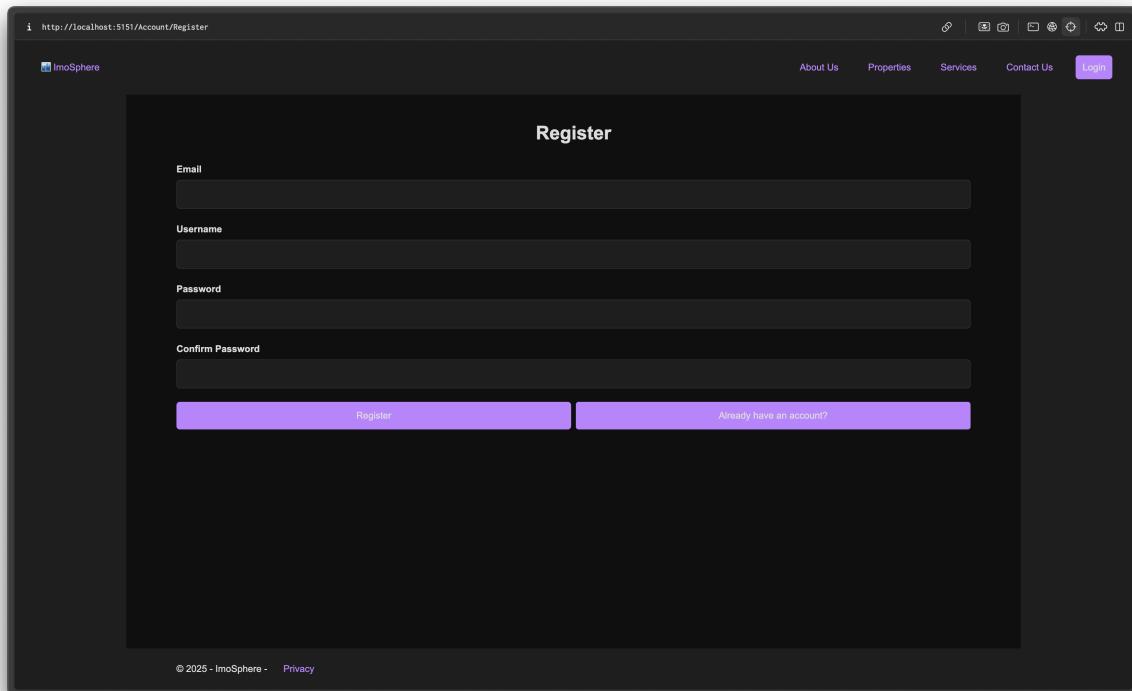
Página comum com Sellers e utilizadores registados.

- “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:

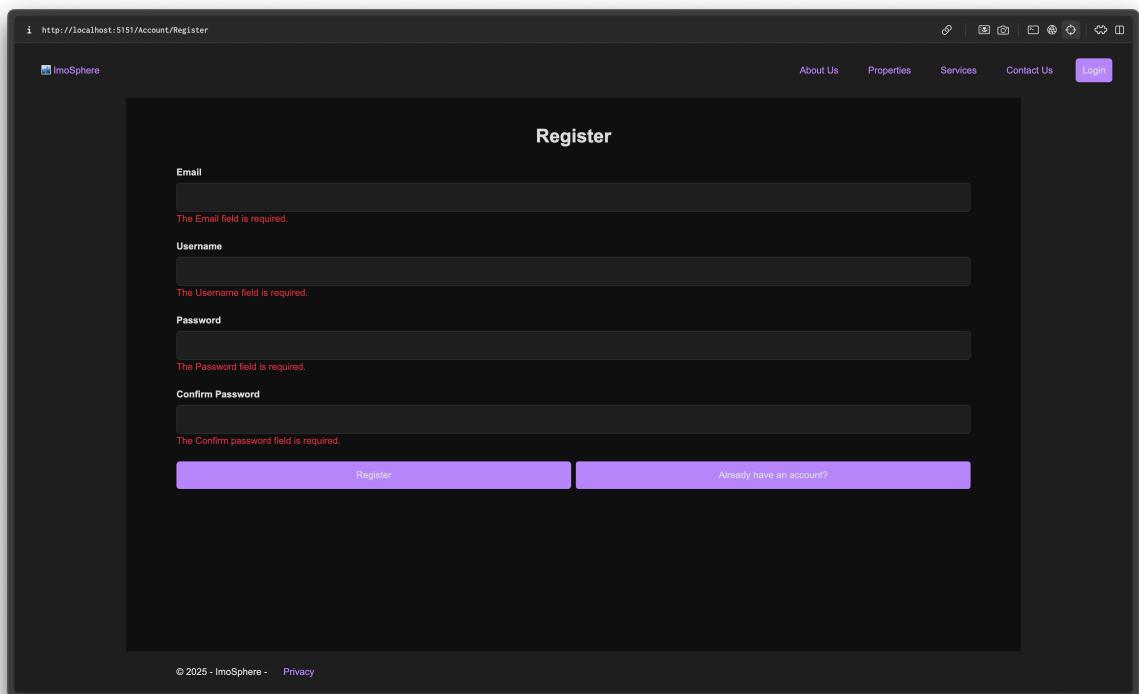
Password

.....

The Password must be at least 6 and at most 100 characters long.

- Passwords must have at least one non alphanumeric character.
- Passwords must have at least one digit ('0'-'9').
- Passwords must have at least one uppercase ('A'-'Z').

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 eletrónicos dos criadores

Privacy Policy

Your privacy is important to us. This privacy policy explains how we collect, use, and protect your information.

Information We Collect

We may collect the following types of information:

- Personal information you provide to us, such as your name, email address, and contact details.
- Information about your use of our website, including IP address, browser type, and pages visited.

How We Use Your Information

We use the information we collect to:

- Provide and improve our services.
- Respond to your inquiries and support requests.
- Analyze website usage and improve user experience.

How We Protect Your Information

We implement appropriate technical and organizational measures to protect your personal information from unauthorized access, disclosure, or misuse.

Cookies

Our website uses cookies to enhance your browsing experience. You can manage your cookie preferences through your browser settings.

Third-Party Services

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.

Your Rights

You have the right to access, update, or delete your personal information. To exercise these rights, please contact us.

Contact Us

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.

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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:

Discover Your Dream Property with ImoSphere!

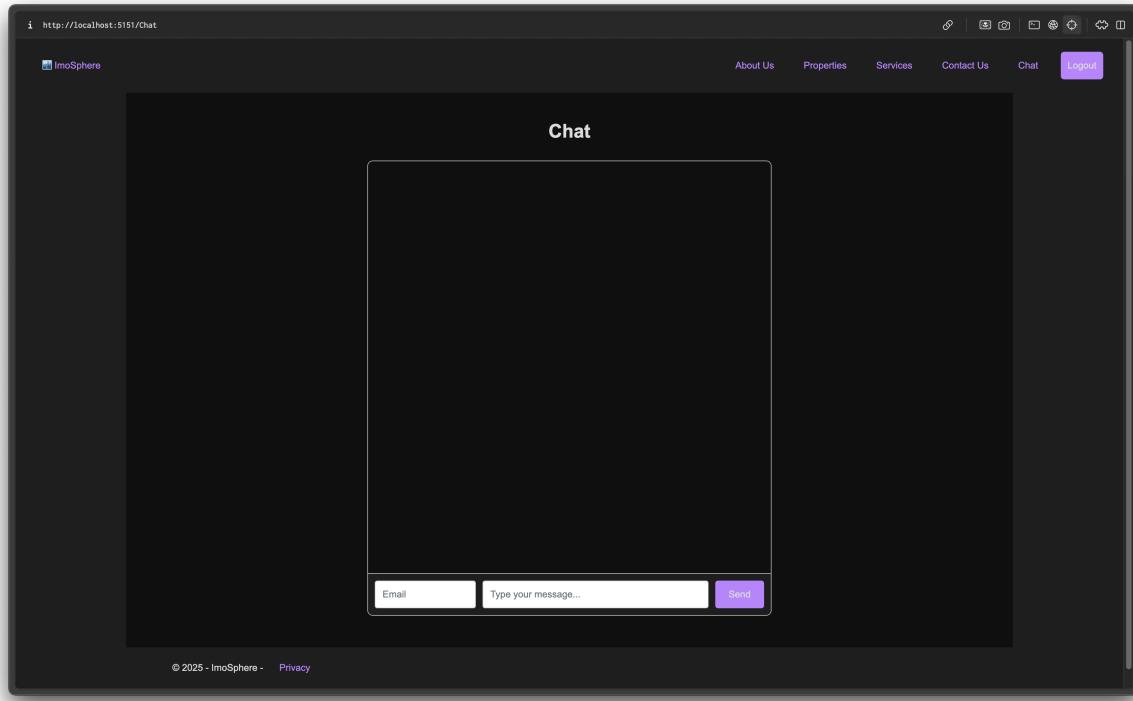
Your journey to finding the perfect property begins here. Explore our listings to find the home that matches your dreams.

200+ Happy Customers 10k+ Properties For Clients 15+ Years of Experience

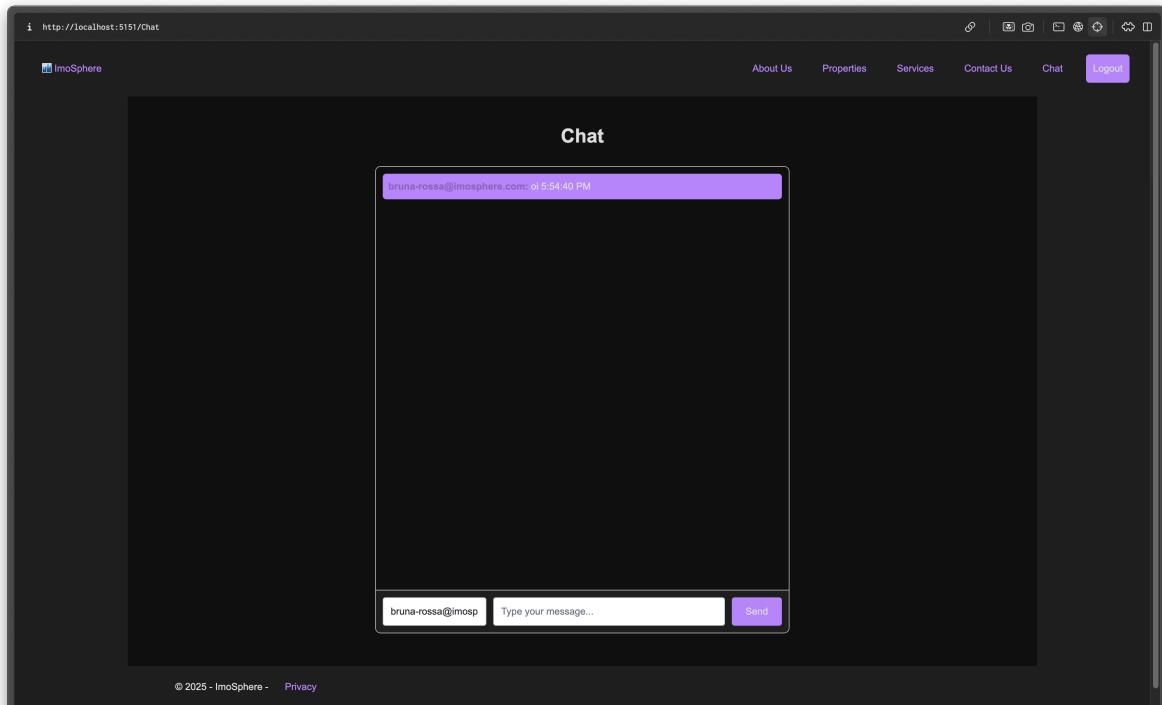
Find Your Dream Home Unlock Property Value Effortless Property Management Smart Investments, Informed Decisions

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- “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

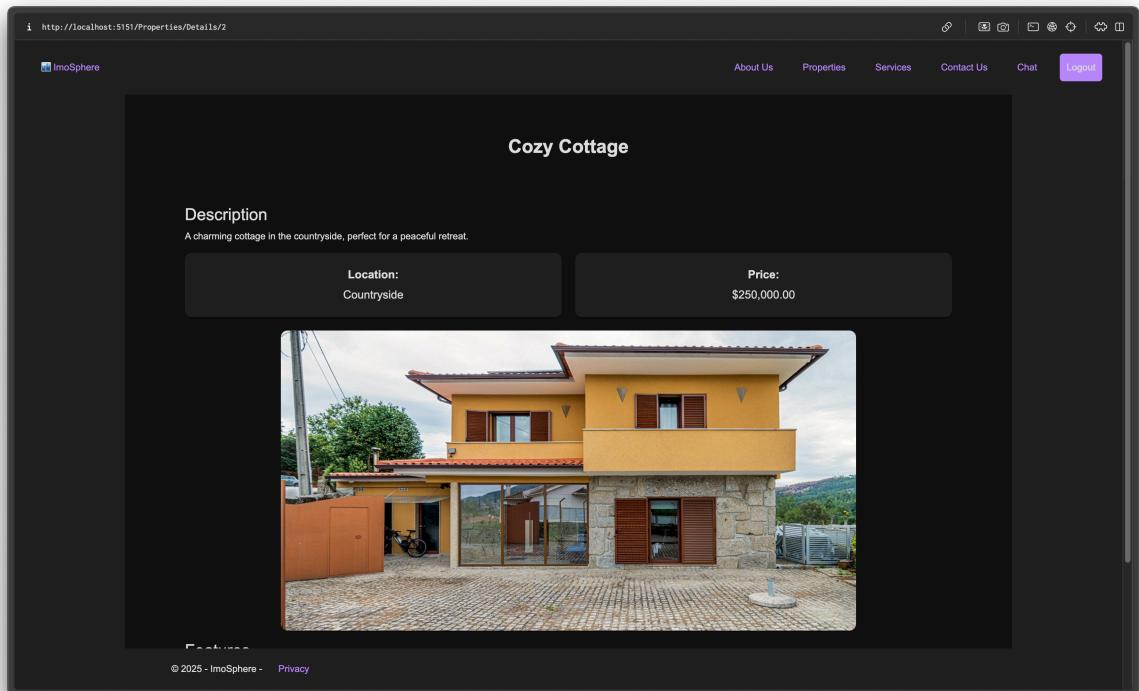
E ao entrar nas "Properties":

The screenshot shows a web browser window for the ImoSphere platform at the URL <http://localhost:5151/Home/Properties>. The page has a dark theme with a header containing links for About Us, Properties, Services, Contact Us, Chat, and Logout. A purple button labeled "+ Add New Property" is visible. The main content area is titled "Our Properties" and features three property cards:

- Luxury Apartment**: Located in the heart of the city, this apartment offers stunning views and modern amenities. It has 2 bedrooms, 2 bathrooms, and 120 sq ft. It was built in 2015. Price: \$500,000.00. Buttons: Details, Edit.
- Cozy Cottage**: A charming cottage in the countryside, perfect for a peaceful retreat. It has 3 bedrooms, 2 bathrooms, and 150 sq ft. It was built in 2005. Price: \$250,000.00. Buttons: Details, Edit.
- Beachfront Villa**: Enjoy the ocean breeze in this luxurious villa with private beach access. It has 4 bedrooms, 3 bathrooms, and 350 sq ft. It was built in 2020. Price: \$1,200,000.00. Buttons: Details, Edit.

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

conseguimos além de visualizar,



editar

The screenshot shows the 'Edit Property' form for the 'Cozy Cottage' listed above. The form fields are as follows:

- 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 of the form, there are links for 'Logout' and 'Privacy'.

e criar propriedades:

Add New Property

Name

Description

Price

Bedrooms

Bathrooms

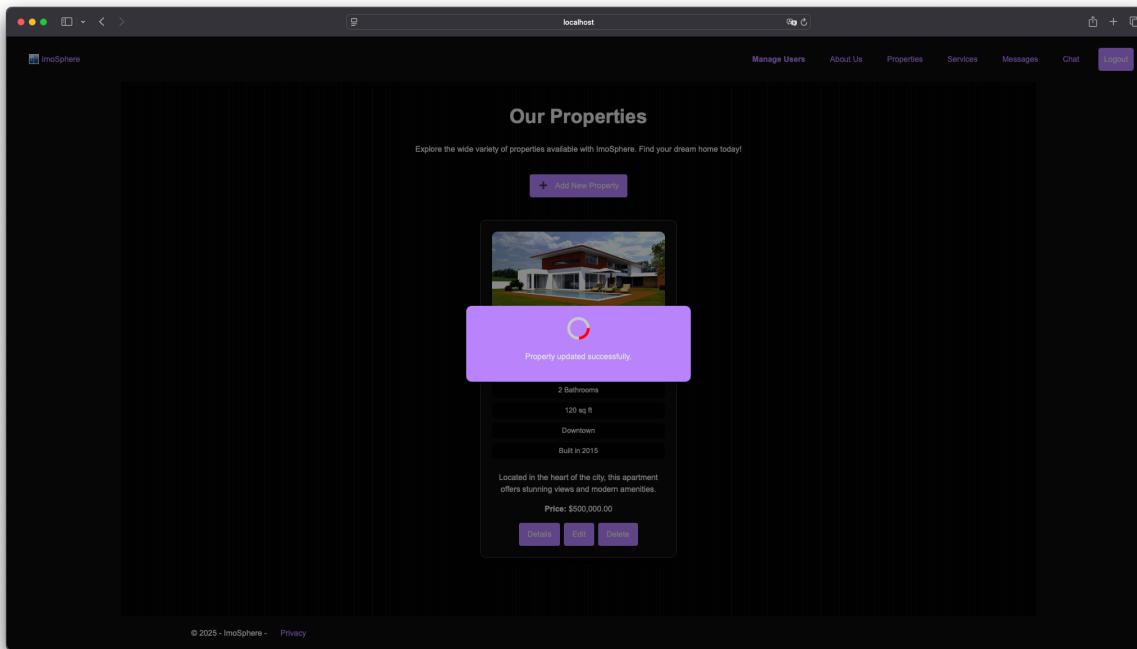
YearBuilt

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 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.

The screenshot shows the 'Our Properties' section of the ImoSphere Admin interface. It features three property cards:

- Luxury Apartment**: Located in the heart of the city, this apartment offers stunning views and modern amenities. It has 2 bedrooms, 2 bathrooms, and 120 sq ft. It was built in 2015.
- Cozy Cottage**: A charming cottage in the countryside, perfect for a peaceful retreat. It has 3 bedrooms, 3 bathrooms, and 150 sq ft. It was built in 2005.
- Beachfront Villa**: Enjoy the ocean breeze in this luxurious villa with private beach access. It has 4 bedrooms, 3 bathrooms, and 350 sq ft. It was built in 2020.

A message at the bottom right indicates: "Property updated successfully."

Esta página é comum com o Admin.

Administrador (Admin)

Entrando com a conta já criada previamente:

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

The screenshot shows the ImoSphere Frontend homepage. Key elements include:

- Header:** Includes the ImoSphere logo, navigation links for Manage Users, About Us, Properties, Services, Messages, Chat, and a purple 'Logout' button.
- Hero Section:** Features a large image of a modern skyscraper with the text: "Discover Your Dream Property with ImoSphere!". Below it: "Your journey to finding the perfect property begins here. Explore our listings to find the home that matches your dreams." Buttons for "Learn More" and "Browse Properties".
- Statistics:** Three boxes: "200+ Happy Customers", "10k+ Properties For Clients", and "16+ Years of Experience".
- Footer:** Four service highlights: "Find Your Dream Home", "Unlock Property Value", "Effortless Property Management", and "Smart Investments, Informed Decisions".

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 web browser window with the URL <http://localhost:5151/admin/Users>. The page title is "Manage Users". At the top right are navigation links: "Manage Users", "About Us", "Properties", "Services", "Messages", "Chat", and "Logout". A purple button labeled "+ Create User" is located at the top center. Below it is a table with four columns: "EMAIL", "USERNAME", "ROLES", and "ACTIONS". The table contains three rows of data:

EMAIL	USERNAME	ROLES	ACTIONS
admin@imosphere.com	AdminUser	Admin	<button>Edit</button> <button>Delete</button>
seller@imosphere.com	SellerUser	Seller	<button>Edit</button> <button>Delete</button>
user@imosphere.com	RegularUser	User	<button>Edit</button> <button>Delete</button>

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

o Admin pode criar utilizadores Seller e Admin.

The screenshot shows a web browser window with the URL <http://localhost:5151/admin/CreateUser>. The page title is "Create User". At the top right are navigation links: "Manage Users", "About Us", "Properties", "Services", "Messages", "Chat", and "Logout". The main area contains four input fields: "Email", "Username", "Role", and "Password". Below these fields are two buttons: "Create User" (purple) and "Cancel". At the bottom left of the page is a copyright notice: "© 2025 - ImoSphere - [Privacy](#)".

Editar os utilizadores.

<http://localhost:5151/Admin/EditUser/a710477b-2fb6-4c71-a432-b4089e9ef56c>

Manage Users About Us Properties Services Messages Chat Logout

Edit User

Email
admin@imosphere.com

Username
AdminUser

Role
Admin

New Password

Confirm New Password

Save Cancel

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

<http://localhost:5151/Admin/Users>

Manage Users About Us Properties Services Messages Chat Logout

Manage Users

+ Create User

EMAIL	USERNAME	ROLES	ACTIONS
admin@imosphere.com	AdminUser	Admin	Edit Delete
seller@imosphere.com	Seller		Edit Delete
user@imosphere.com	User		Edit Delete

localhost:5151 says
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”

http://localhost:5151/Home/ViewMessages

ImoSphere

Manage Users About Us Properties Services Messages Chat Logout

Messages

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

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

http://localhost:5151/Home/ViewMessages

ImoSphere

Manage Users About Us Properties Services Messages Chat Logout

Messages

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

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

The screenshot shows a web browser window for the URL <http://localhost:5151/Home/ViewMessages>. The page title is "Messages". A table displays one message from "Alexandre Miguel" with the content "vocês são fixes :D". In the "Actions" column, there are two buttons: "Read" (green) and "Delete" (red). A modal dialog box is overlaid on the page, containing a small icon of a heart with wings, the text "localhost:5151 says", and a confirmation message: "Are you sure you want to delete this message?". It has "Cancel" and "OK" buttons.

Antes de apagar a mensagem aparece um aviso.

Como administrador tem também a possibilidade de eliminar Propriedades:

The screenshot shows a web browser window for the URL <http://localhost:5151/Home/Properties>. The page title is "Our Properties". It features three property cards: "Luxury Apartment", "Cozy Cottage", and "Beachfront Villa". Each card includes a thumbnail image, the property name, key details (e.g., bedrooms, bathrooms, location, build year), a description, and three action buttons: "Details", "Edit", and "Delete". A purple button at the top right says "+ Add New Property". A modal dialog box is overlaid on the page, containing the text "localhost:5151 says" and a confirmation message: "Are you sure you want to delete this property?". It has "Cancel" and "OK" buttons.

Sendo também mostrado um aviso antes de apagar a propriedade.

i 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



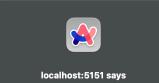
Luxury Apartment

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](#)



Cottage

localhost:5151 says
Are you sure you want to delete this property?

[Cancel](#) [OK](#)

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](#) [Delete](#)



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](#) [Delete](#)

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