

HOUSAFE

ONLINE BOOKING SYSTEM

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Housafe

The aim of the project

What?

To build a system that can avoid users from scams,
so they can have better rental experience.

Why?

I've been heard that there are more and more cases
of renting scams happen in Ireland, I think a system
like this can help lowering the risk when renting a
house.



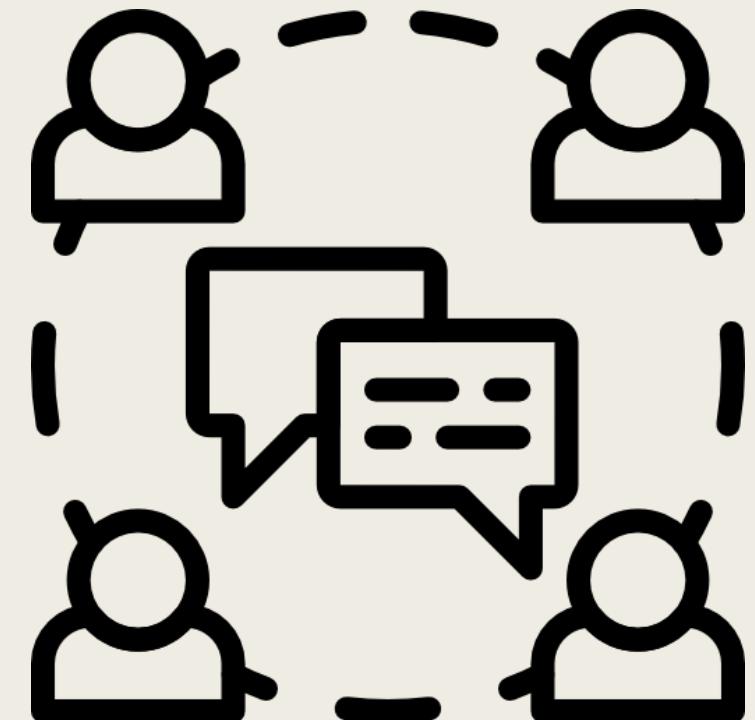
Housafe The aim of the project

How?

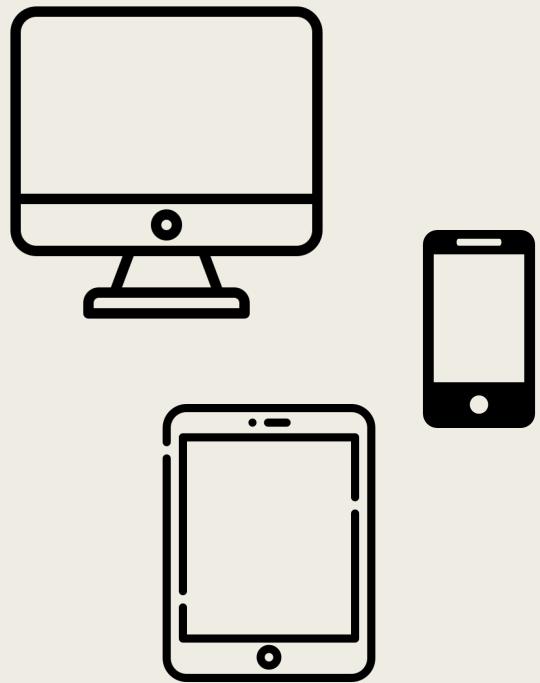
To add review function so people can check the reviews of landlord/tenant before making a deal.

Who?

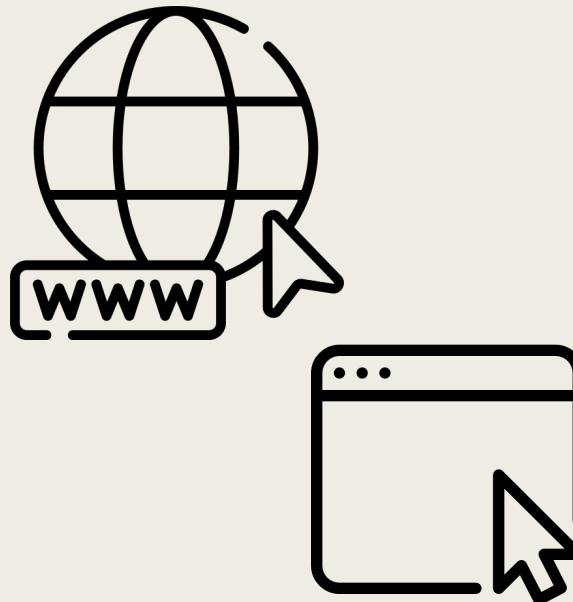
Landlords and tenants, especially for those want only great experience.



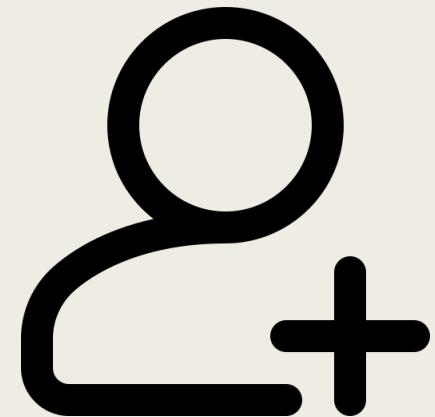
Requirements



Electronic devices



Internet + browser



Become a member

Housafe™

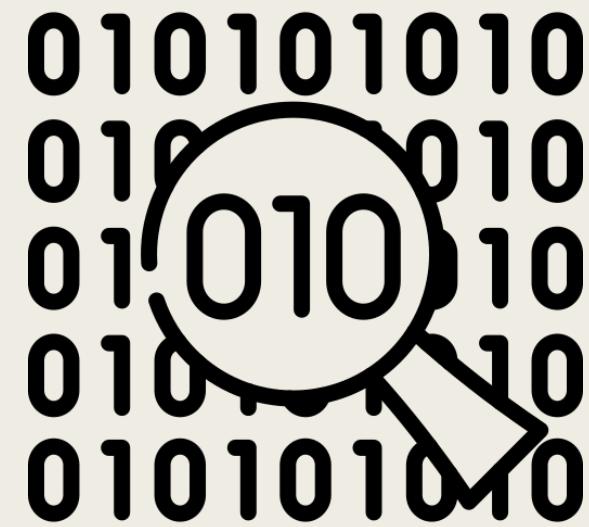
Design



Friendly and intuitive

Housafe™

Design



binary search

System Structure

Before login/register

- About
- Search
- Signup
- Login

Front End

After login

- Housafe(Search)
- Detail of room
- Logout

Front End

After login

- Profile page
- Update Profile
- Change Password
- Verify Identity
 - *Manage Rooms*
- Logout

Back End

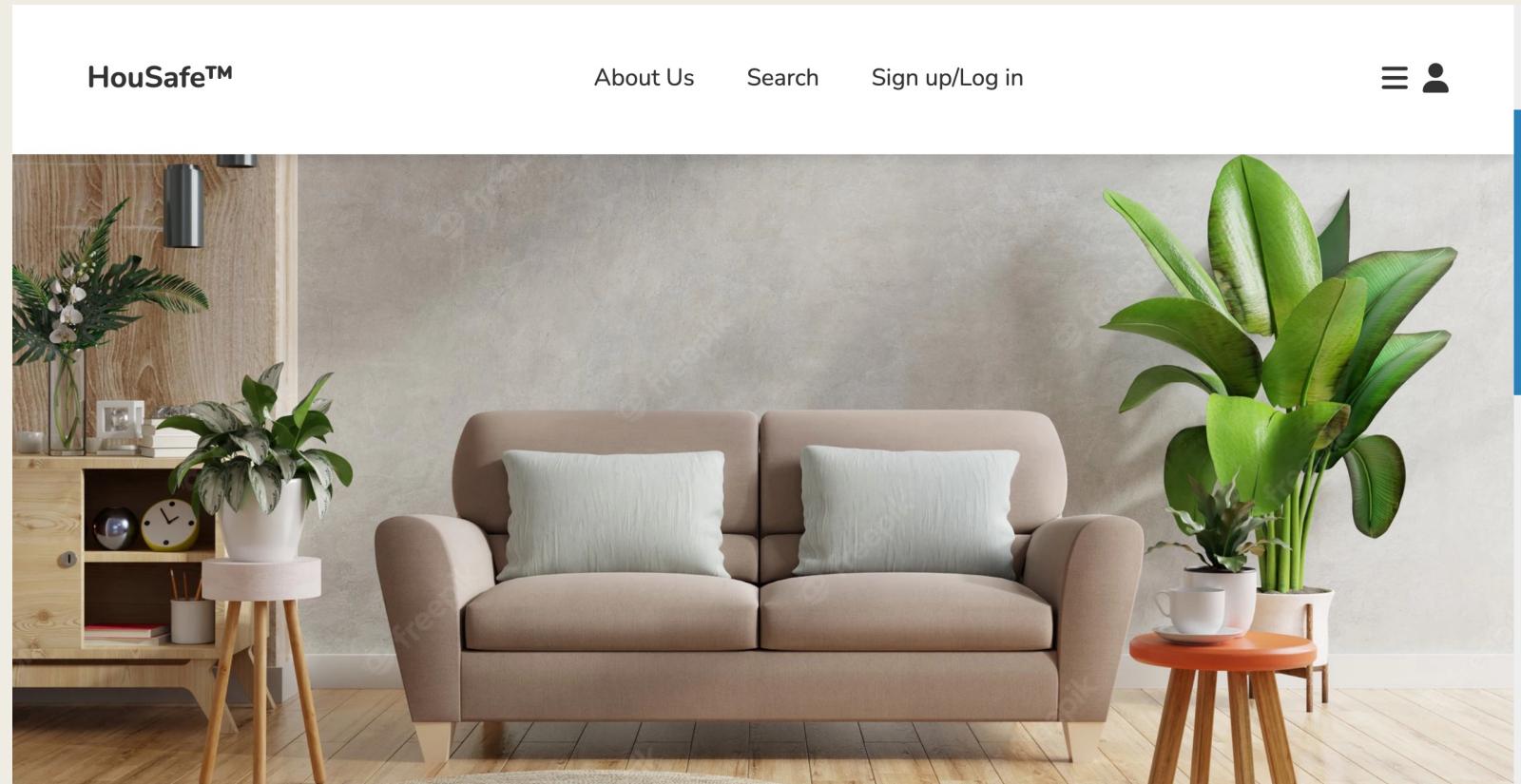
System Structure

Front end
Before Login

System Structure - Front End

Before login/register

- About page
- Search page
- Signup
- Login page



Housafe™

System Structure - Front End

Before login/register

- About page
- **Search page**
- Signup
- Login page

The screenshot shows the HouSafe™ website interface. At the top, there is a navigation bar with the logo "HouSafe™", "About Us", "Search", "Sign up/Log in", and a user icon. Below the navigation bar, the heading "LATEST ROOMS" is centered. There are three cards displayed, each representing a room listing:

- Card 1:** Shows an outdoor patio area with a table and chairs. Text below the image reads "3 in island" and "€300/per week".
- Card 2:** Shows an indoor living room with a sofa, a small round table, and some plants. Text below the image reads "factory in galway" and "€100/per week".
- Card 3:** Shows a modern bathroom with a large mirror, a sink, and a toilet. Text below the image reads "factory2 in 4hhh" and "€42/per week".

Below these cards, there are two large letters "R" and "A" followed by a blurred image.

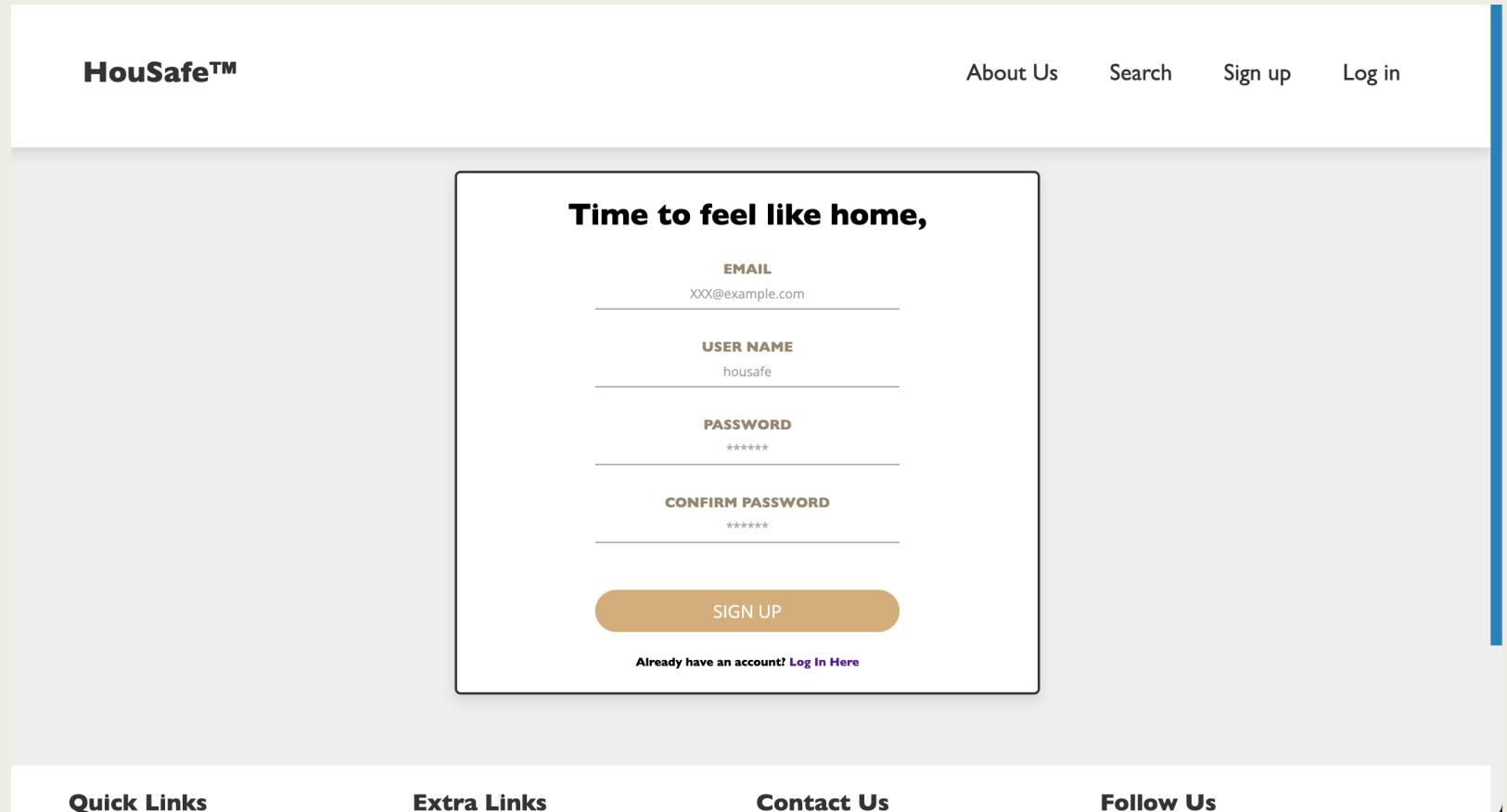
Before login, user cannot see the details of the rooms, so when user click on it, it'll redirect user to signup/login page.

Housafe™

System Structure - Front End

Before login/register

- About page
- Search page
- **Signup page**
- Login page



Housafe™

System Structure - Front End

Before login/register

- About page
- Search page
- **Signup/Login page**

EMAIL

j

!

Please include an '@' in the email address. 'j' is missing an '@'.

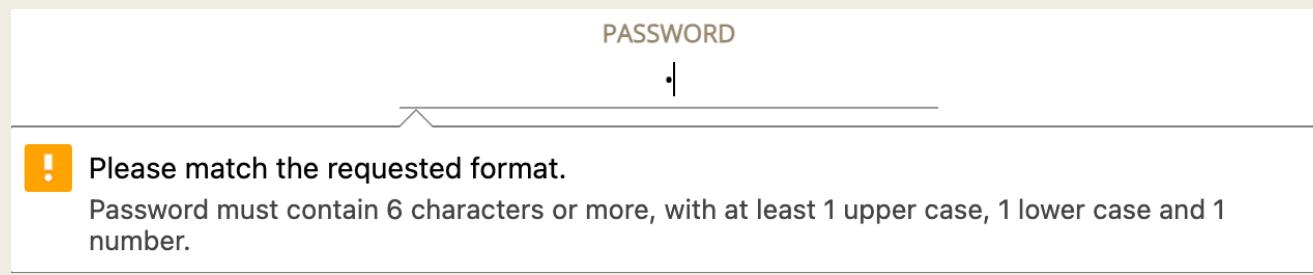


PASSWORD

.

!

Please match the requested format.
Password must contain 6 characters or more, with at least 1 upper case, 1 lower case and 1 number.



PASSWORD

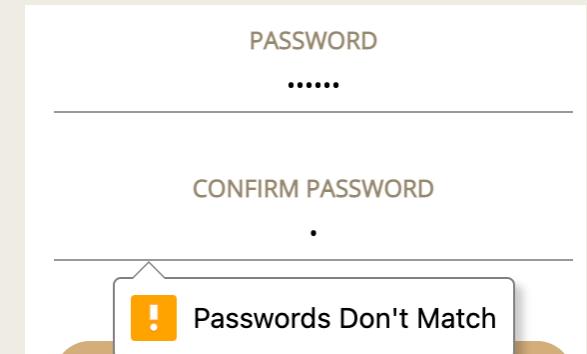
.....

CONFIRM PASSWORD

.

!

Passwords Don't Match



System Structure - Front End

Before login/register

- About page
- Search page
- Signup
- Login page

The screenshot shows the HouSafe™ login page. At the top, there is a navigation bar with links for 'About Us', 'Search', 'Sign up', and 'Log in'. The main content area features a large rectangular form with a black border. Inside the form, the text 'Welcome back, we've missed you...' is displayed in bold black font. Below this, there are two input fields: one labeled 'EMAIL' containing 'XXX@example.com' and another labeled 'PASSWORD' containing a series of asterisks. At the bottom of the form is a large orange 'LOG IN' button. Below the button, the text 'Haven't got an account? Sign Up Here' is visible. At the very bottom of the page, there is a footer section with four columns: 'Quick Links' (with links to 'about' and 'search'), 'Extra Links' (with links to 'login' and 'signup'), 'Contact Us' (with a phone icon and the number '+353 1234 5678', and an email icon and the address 'x21124019@student.ncirl.ie'), and 'Follow Us' (with icons for Facebook and Twitter).

Quick Links	Extra Links	Contact Us	Follow Us
> about	> login	+353 1234 5678	facebook
> search	> signup	x21124019@student.ncirl.ie	twitter

System Structure

Front end
After Login

System Structure - Front End

After login

- **Housafe(Search)**
- Detail of room
 - Detail of landlord
 - Booking
- Logout

HouSafe™

Hi, f@f Profile Password Log out

LATEST ROOMS



3 in island
€300/per week



factory in galway
€100/per week



koala in west
€420/per week







Housafe™

System Structure - Front End

After login

- Housafe(Search)
- **Detail of room**
 - Detail of landlord
 - Booking
- Logout

HouSafe™

Hi, f@f Profile Password Log out

QUICK VIEW



factory in galway
€100/per week

[Click To Know More About Abc123](#)

[Make A Reservation](#)



System Structure - Front End

After login

- Housafe(Search)
- Detail of room
 - Detail of landlord
 - Booking
- Logout

LANDLORD DETAILS



Name: abc123
Email: aa@l
Bio: Hi, it's nice to meet you!

Message Abc123

MORE FROM THIS LANDLORD



3
island
€300/per week



factory
galway
€100/per week



employee
galway
€180/per week

System Structure - Front End

After login

- Housafe(Search)
- Detail of room
 - Detail of landlord
 - Booking
- Logout

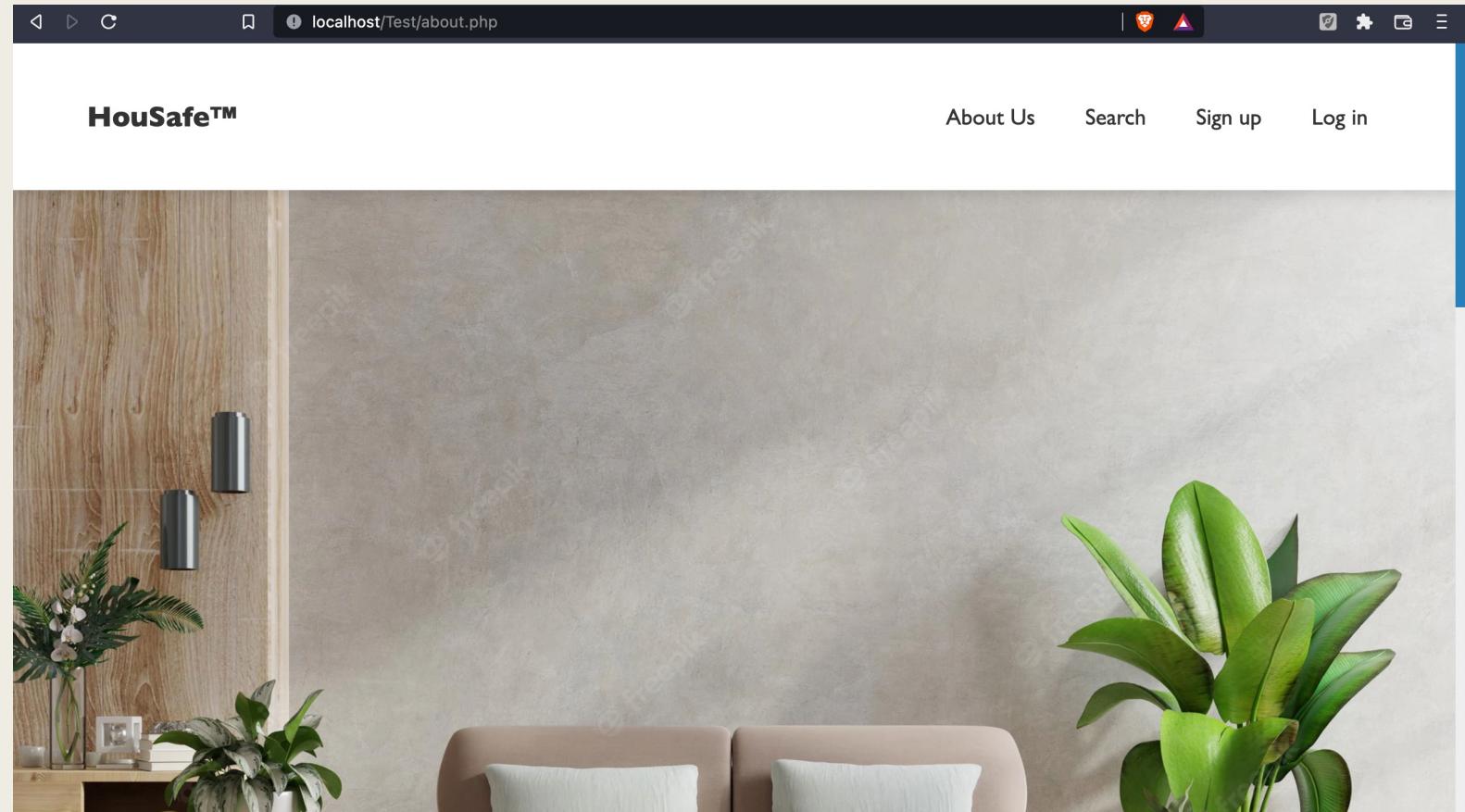
The screenshot shows a user interface for a booking system. At the top, there is a navigation bar with the logo "HouSafe™" and links for "Hi, f@f", "Profile", "Password", "Message", "Room", "Log out", and a user icon. Below the navigation bar, the word "BOOKING" is prominently displayed in large, bold, uppercase letters. To the left of the booking form, there is a photograph of a modern living room with a light brown sofa, two small round wooden tables, and several green plants. Below the photo, the text "factory in galway" is visible. On the right side of the booking form, there is a section titled "Fill in your details" containing fields for "Name", "Arrival Date" (with a placeholder "yyyy/mm/dd" and a calendar icon), and "Departure Date" (with a placeholder "yyyy/mm/dd" and a calendar icon). A large, brownish-yellow button at the bottom right is labeled "Checkout".

Housafe™

System Structure - Front End

After login

- Housafe(Search)
- Detail of room
 - Detail of landlord
 - Booking
- Logout



After click on **Logout**, page would be redirected to about page and the header changes.

Housafe™

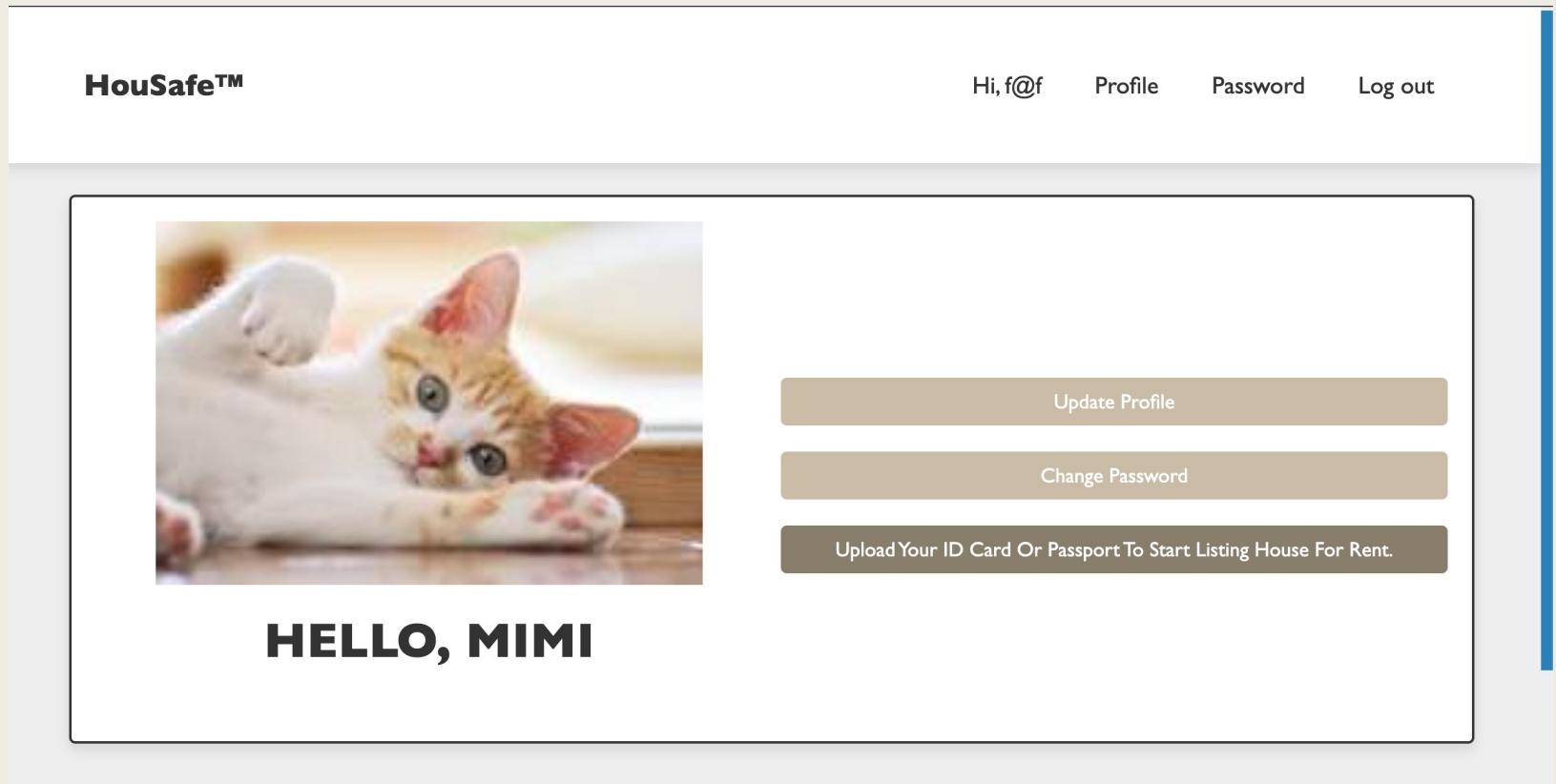
System Structure

Back end
After Login

System Structure - Back End

After login

- **Profile page**
- Update Profile
- Change Password
- Verify Identity
 - *Manage Rooms*
- Logout



Before verify identity, system would like user to upload their documents.

Housafe™

System Structure - Back End

After login

- Profile page
- **Update Profile**
- Change Password
- Verify Identity
 - *Manage Room*
- Logout

HouSafe™

Hi, f@f [Profile](#) Password Log out

UPDATE PROFILE



UPLOAD YOUR USER PICTURE:
 Choose File No file chosen

USER NAME
mimi

EMAIL
f@f

BIO
I'm a smart cat:)) hehehe

UPLOAD YOUR ID CARD/PASSPORT:
After you upload your ID card or passport, you can start list a room for rent.
 Choose File No file chosen

localhost/Test/profile.php

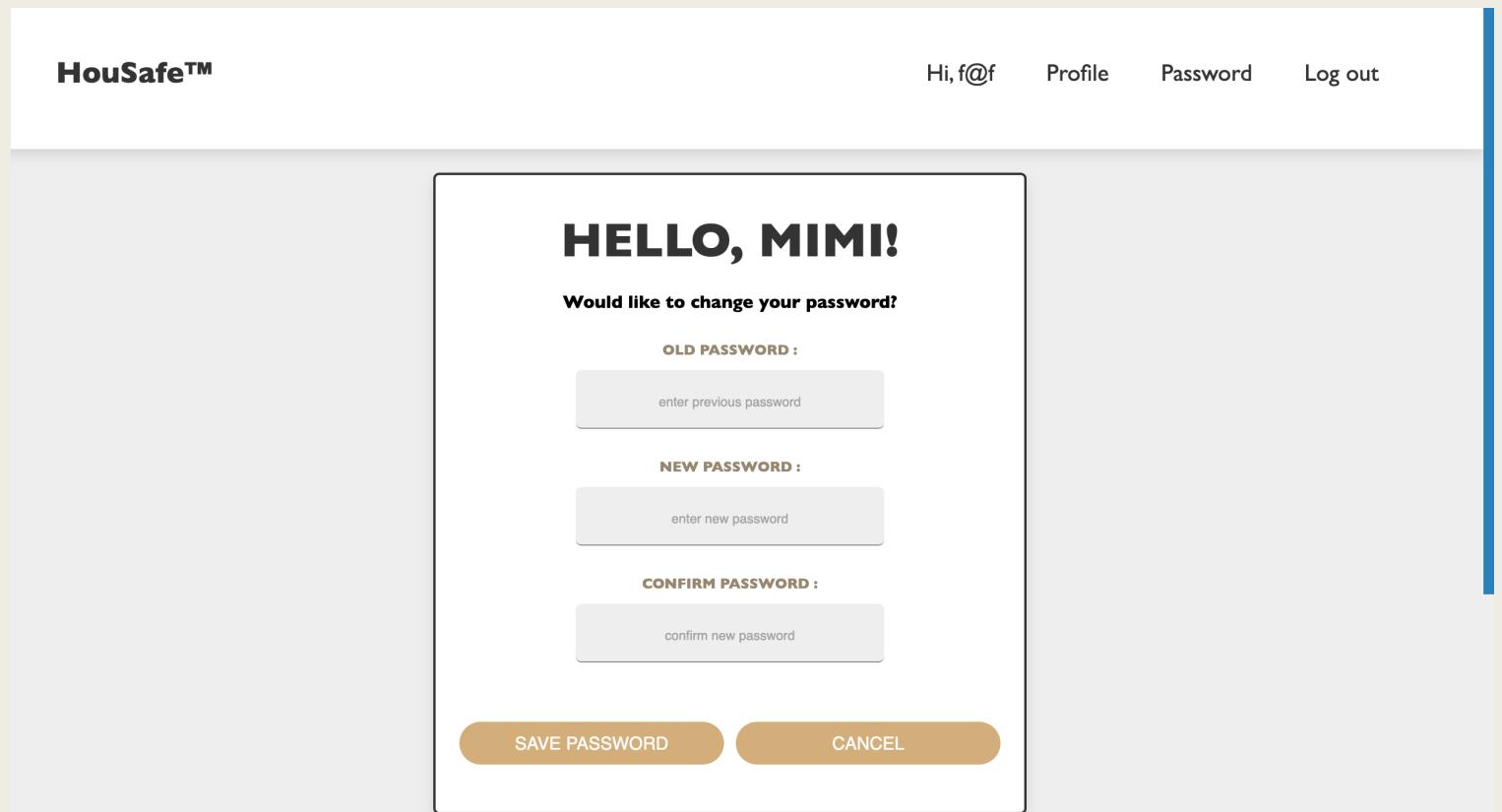
SAVE PROFILE CANCEL

Housafe™

System Structure - Back End

After login

- Profile page
- Update Profile
- **Change Password**
- Verify Identity
 - *Manage Rooms*
- Logout



System Structure - Back End

After login

- Profile page
- Update Profile
- Change Password
- Verify Identity
 - Manage Rooms
 - Add
 - Edit
- Logout

UPLOAD YOUR ID CARD/PASSPORT:
After you upload your ID card or passport, you can start list a room for rent.

No file chosen

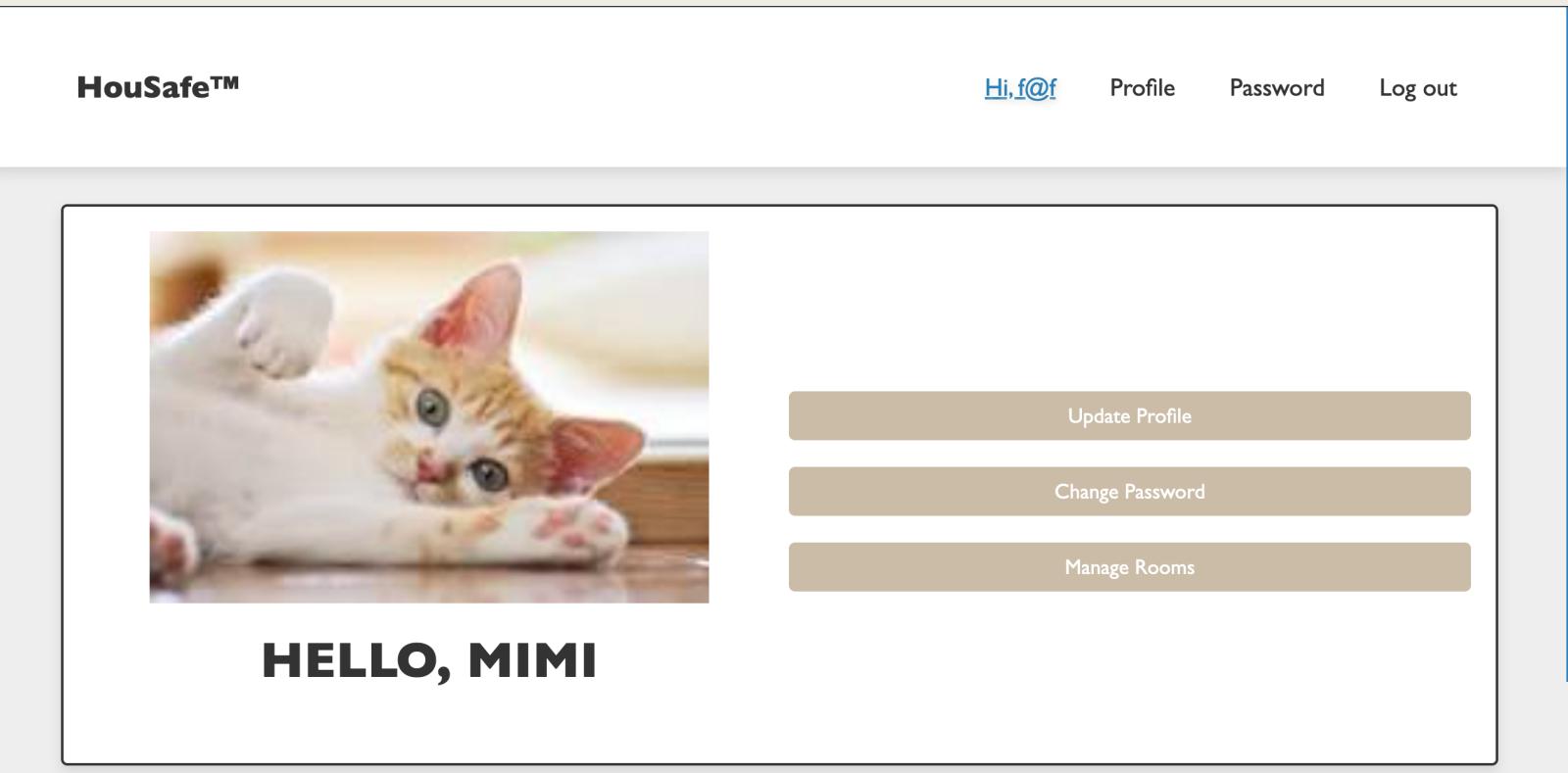
id	email	password	username	userImage	bio	id_pic	status
4	f@f	2	mimi	meow.jpg	I'm a smart cat:)) hehehe	meow.jpg	ok

After user upload documents and administrator(me) accepts it, user can start using listing function.

System Structure - Back End

After login

- **Profile page**
- Update Profile
- Change Password
- Verify Identity
 - *Manage Rooms*
- Logout



After verify identity, the last button would change to "manage rooms"

System Structure - Back End

After login

- Profile page
- Update Profile
- Change Password
- Verify Identity
 - *Manage Rooms*
 - Add
 - Update
- Logout

HouSafe™

Hi, f@f Profile Password Log out

MANAGE ROOMS

Add A Room Go Back To Profile

koala in west
€420/per week

Delete Update

mucho in g00d
€100/per week

Delete Update

House in Howth
€200/per week

Delete Update

Housafe™

System Structure - Back End

After login

- Profile page
- Update Profile
- Change Password
- Manage Rooms
 - Add
 - Update
- Logout

The screenshot shows a user interface for uploading a house for rent. At the top, there's a navigation bar with the logo 'HouSafe™', a greeting 'Hi, f@f', and links for 'Profile', 'Password', and 'Log out'. Below the navigation is a large button labeled 'UPLOAD YOUR HOUSE FOR RENT'. A modal window is open, containing fields for 'UPLOAD PHOTO' (with a 'Choose File' button showing 'No file chosen'), 'NAME', 'LOCATION', and 'PRICE'.

HouSafe™

Hi, f@f Profile Password Log out

UPLOAD YOUR HOUSE FOR RENT

UPLOAD PHOTO

Choose File No file chosen

NAME

LOCATION

PRICE

System Structure - Back End

After login

- Profile page
- Update Profile
- Change Password
- Manage Rooms
 - Add
 - Update
- Logout

HouSafe™

Hi, f@f Profile Password Log out

UPDATE ROOM DETAIL



UPLOAD PIC:
 No file chosen

NAME
koala

LOCATION
west

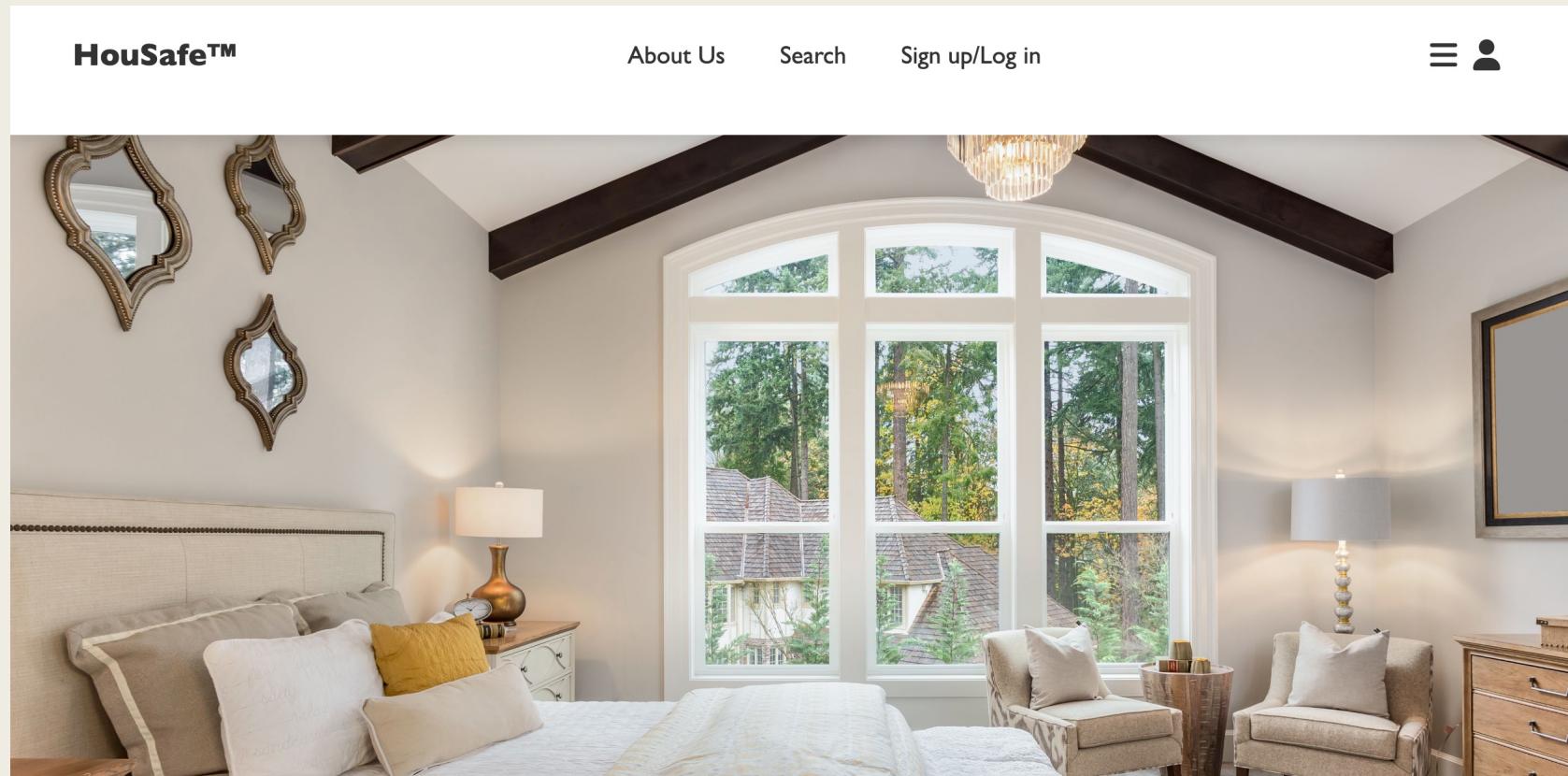
PRICE
420

SAVE UPDATE CANCEL

System Structure - Back End

After login

- Profile page
- Update Profile
- Change Password
- Manage Rooms
- Logout



Housafe™

Code & Testing

Evaluation

Update profile/photo/password	Done
Edit room's details(delete/update)	Done
Message each other	Ongoing
Search function	Ongoing
Link all related information together	Done
Different interface for login and logout	Done

Advantages & Limitations

Advantages	Disadvantages
<ul style="list-style-type: none">• Easy to use• Clear interface• Connectivity	<ul style="list-style-type: none">• Not much reviews on it
Limitations	
<ul style="list-style-type: none">• Only serve small area	
Future opportunities	
<ul style="list-style-type: none">• Expand the map to around the globe	