User Requirements Specifications Document

Housing App

Individual project

Semester 3

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Version history

Version	Date	Author(s)	Changes
1.0	16.09.2022	Rositsa Nikolova	Creating the document

Contents

Agreements with client

The project has a duration of 17 weeks, split into 6 sprints. It will comprise a JavaScript framework based front-end part and an API with database based back-end. The technologies used in the project will be React front-end framework, Java Spring Boot web framework and SQL. The project management framework is going to be Scrum. The version control system that is going to be used is GitLab where all source code, resources and documentation will be updated regularly. At the end of every sprint, a feedback meeting will be scheduled with one of the technical teachers to discuss how the sprint went and what are the goals and the deliverables for the next one. The documentation will be updated regularly to match the changes in the project. Jira board with Backlog, To Do, In progress and Done sections will be used for managing the tasks in the project.

*Due to time limitations some of the functional requirements described in this document that have less priority or are outside of the scope of this course may be excluded or changed.

Non-functional requirements:

NFR-01: The code base should be maintainable and extendable

NFR-02: Bug free system

NFR-03: Secure software

Functional requirements:

Every User

FR-01 Users must be able to log in

FR-02 Users must be able to log out

FR-03 Users must be able to register

FR-04 Users must be able to see an overview of the rental properties

FR-05 Users must be able to filter the list of the properties by:

Property type – house, room, apartment, studio

Price range

City

Interior – Furnished, Unfurnished

Living space – square meters

Number of rooms

Number of bedrooms

Extras

FR-06 Users must be able to see a page with more detailed information about a selected property

FR-07 Users must be able to edit their profile's information

Homeowners

FR-08 The homeowner must be able to see an overview of their posted properties

FR-09 The homeowner must be able to mark a property as rented

FR-10 The homeowner must be able to create a property ad

FR-11 The homeowner must be able to edit his property ad

FR-12 The homeowner must be able to delete a property ad

FR-13 The homeowner must be able to see an example price when creating a property ad

FR-14 The homeowner must be able to see statistics based on the date on the app

FR-15 The homeowner must be able to upgrade to premium account

- Their property ads will be marked as Top choice
- All renters subscribed to the newsletter will receive an email when adding a new ad
- Access to all statistics

Renters

FR-16 The renter must be able to subscribe to newsletter for property alerts by email

FR-17 The renter must be able to add property to their Wishlist

FR-18 The renter must be able to send messages to the homeowner

FR-19 The renter must be able to create their criteria for a property

FR-20 The renter must be able to edit their criteria

FR-21 The renter must be able to delete their criteria

FR-22 The renter must be able to receive a notification when a relevant property ad is added

FR-23 The renter must be able to receive an email when a relevant property ad is added

Admin

FR-24 The admin must be able to approve property ads

FR-25 The admin must be able to disapprove a property ad

FR-26 The admin must be able to see statistics

- How many properties are there in the cities
- Average price
- Average square meters
- Property type

FR-27 The admin must be able to see an overview of users

FR-28 The admin must be able to delete a user's account

Use Cases

Every User

UC-01 – SFR-01:

Use case: A user logs in into the web application

Actor: every user

Main Success Scenario:

1. The user opens the website
2. System shows home page
3. Player clicks on login button
4. System shows fields to be filled – email and password
5. The user enters his credentials and confirms
6. Website redirects to home page

Extensions:

5a: Credentials are invalid

    .1: System displays an error message stating that there is no registered user with such credentials

    .2: Return to MSS step 4

5b: Email is not entered

    .1: System displays an error message stating that email field is required

    .2: Return to MSS step 4

5c: Password is not entered

    .1: System displays an error message stating that password field is required

    .2: Return to MSS step 4

5d: Email and password are not entered

.1: System displays an error message stating that email and password fields are required

.2: Return to MSS step 4

UC-02 – SFR-02:

Use case: A user logs out of the web application

Actor: every user

Main Success Scenario:

1. The logged in user clicks on "Log out" button
2. The system logs out the user and redirects to home page

UC-03 – FR-03:

Use case: A user creates an account in the web application

Actor: every user

Main Success Scenario:

1. The user goes to Create Account page
2. System shows fields to be filled – email and password, first name, last name
3. The user enters the required information and confirms
4. The system redirects to the Login page

Extensions:

4a: There are empty fields

.1: System displays an empty information field error message

.2: Return to MSS step 2

4b: User with these credentials already exists

.1: System displays an error message stating that there is already registered player with this email

.2: Return to MSS step 2

4b: The input is invalid

.1: System displays an error message stating that the input is invalid

.2: Return to MSS step 2

UC-04 – FR-04:

Use case: User sees an overview of all rental properties

Actor: every user

Main Success Scenario:

1. The user goes to "Rental properties" page
2. System displays a list of all rental properties with default sorting by published date and "Top choice" properties on top of the list

Extensions:

2a: There are no rental properties

.1: System displays a message stating that there are no properties yet

.2: Return to MSS step 1

UC-05– SFR-05:

Use case: A User filters the list of the properties

Actor: every user

Main Success Scenario:

1. The user goes to "Rental properties page"

2. System displays a list of all active rental properties with default sorting by published date
3. The user selected the desired filters and clicks on the "Filter" button
4. The system shows the filtered results

Extensions:

<u>3a: There are no filters selected</u>

.1: System displays a message stating that there are no filters selected

UC-06 – FR-06:

Use case: A user sees detailed information about a chosen property

Actor: every user

Main Success Scenario:

1. The user goes to "Rental properties"
2. System displays a list of all rental properties with default sorting by published date and "Top choice" properties on top of the list
3. The user clicks on a property
4. The website redirects to a page with detailed information about the selected property

UC-07– SFR-07:

Use case: A User edits his personal information

Actor: every User

Main Success Scenario:

1. The logged in user goes to "Edit my profile" page

2. System shows fields to be edited
3. The user edits his information and confirms
4. System shows message stating that the profile's information is edited successfully

Extensions:

<u>3a: There are empty fields</u>

.1: System displays a message stating all fields are required

.2: Return to MSS step 2

<u>3b: User with this email already exists</u>

.1: System displays an error message stating that there is already registered player with this email

.2: Return to MSS step 2

<u>3c: The Input is invalid</u>

.1: System displays an error message stating that the input is invalid

.2: Return to MSS step 2

UC-08 – FR-08:

Use case: A Homeowner sees an overview of all rental properties

Actor: Homeowner

Main Success Scenario:

1. The Homeowner goes to "My properties" page

2. System displays a list of all rental properties added by this Homeowner with default sorting by published date

Extensions:

2a: There are no rental properties added yet

.1: System displays a message stating that there are no properties yet

.2: Return to MSS step 1

UC-09 – FR-09:

Use case: A Homeowner marks a property as rented

Actor: Homeowner

Main Success Scenario:

1. The Homeowner goes to "My properties" page
2. System displays a list of all active rental properties added by this Homeowner with default sorting by published date
3. The Homeowner selects a property and presses the "Rented button"
4. The system shows a message stating that the property is successfully marked as rented

Extensions:

3a: There is not selected property

.1: System displays an error message stating that there is no property selected

.2: Return to MSS step 2

UC-10 – FR-10:

Use case: A homeowner creates a property ad

Actor: Homeowner

Main Success Scenario:

1. The homeowner goes to "Create a property" page
2. System shows fields to be filled in - uploading pictures, description, city, street, street number, postcode, property type – single choice checkboxes, interior type – single choice checkboxes, number of rooms, number of bedrooms, square meters, extras- multiple choice checkboxes and price in euro
3. The homeowner enters the required information and confirms
4. The system shows a message stating that the property added is submitted for confirmation

Extensions:

3a: There are empty fields

      .1: System displays an empty information field error message

      .2: Return to MSS step 2

3b: The input is invalid

      .1: System displays an error message stating that the input is invalid

      .2: Return to MSS step 2

UC-11 – FR-11:

Use case: A homeowner updates a property ad

Actor: Homeowner

Main Success Scenario:

1. The homeowner goes to "My properties" page

2. System displays a list of all active rental properties added by this Homeowner with default sorting by published date
3. The Homeowner selects a property and presses the "Edit" button
4. System shows fields filled with the information of the selected property - pictures, description, city, street, street number, postcode, property type – single choice checkboxes, interior type – single choice checkboxes, number of rooms, number of bedrooms, square meters, extras- multiple choice checkboxes and price in euro
5. The homeowner edits the information and confirms
6. The system shows a message stating that the property added is updated successfully and submitted for confirmation

Extensions:

5a: There are empty fields

      .1: System displays an empty information field error message

      .2: Return to MSS step 4

5b: The input is invalid

      .1: System displays an error message stating that the input is invalid

      .2: Return to MSS step 4

UC-12 – FR-12:

Use case: A homeowner deletes a property ad

Actor: Homeowner

Main Success Scenario:

1. The homeowner goes to "My properties" page
2. System displays a list of all active rental properties added by this Homeowner with default sorting by published date
3. The Homeowner selects a property and presses the "Delete" button
4. The system shows a message asking for confirmation

5. The Homeowner confirms
6. The system shows a message stating that the property is deleted successfully

Extensions:

5a: There is no property selected

.1: System displays an error message stating that there is no property selected

.2: Return to MSS step 2

UC-13 – FR-13:

Use case: A homeowner sees an example price when creating a new property add

Actor: Homeowner

Main Success Scenario:

1. The homeowner goes to "Create a property" page
2. System shows fields to be filled in - uploading pictures, description, city, street, street number, postcode, property type – single choice checkboxes, interior type – single choice checkboxes, number of rooms, number of bedrooms, square meters, extras- multiple choice checkboxes and price in euro
3. The homeowner enters the required information and presses the "Show price" button
4. The system shows an example price

Extensions:

3a: There are empty fields

.1: System displays an empty information field error message

.2: Return to MSS step 2

<u>3b: The input is invalid</u>

　　.1: System displays an error message stating that the input is invalid

　　.2: Return to MSS step 2

UC-14 – FR-14:

Use case: A homeowner sees statistics about the real estate market based on the data in the application

Actor: Homeowner

Main Success Scenario:

1. The homeowner goes to "Statistics" page
2. System shows statistics about: total number of properties in each city and average price per city.

Extensions:

<u>2a: There are no statistics yet</u>

　　.1: System displays a message stating that there is no data yet

　　.2: Return to MSS step 1

UC-15 – FR-15:

Use case: A homeowner upgrades to premium account

Actor: Homeowner

Main Success Scenario:

1. The homeowner goes to "My profile"
2. The system displays "My profile page"
3. The homeowner clicks on "Upgrade to premium" button

4. The system shows massage asking for confirmation
5. The homeowner confirms
6. The system gives access to the premium features:
   - Their property ads will be marked as Top choice
   - All renters subscribed to the newsletter will receive an email when adding a new ad
   - Access to all statistics

Renters

UC-16 – FR-16:

Use case: A renter subscribes to the newsletter for alerts for new properties by email

Actor: Renter

Main Success Scenario:

1. The renter goes to "My criteria" page and clicks on "Subscribe for the newsletter" button
2. The system shows massage asking for confirmation
3. The renter confirms
4. The system shows a message stating that the user is successfully subscribed for the newsletter

UC-17 – FR-17:

Use case: A renter adds property to his Wishlist

Actor: Renter

Main Success Scenario:

1. The renter goes to "Rental properties" page
2. System displays a list of all rental properties with default sorting by published date and "Top choice" properties on top of the list
3. The renter clicks on "Add to Wishlist" for a property
4. The system adds the property to the Wishlist of the renter and shows a message stating the property is successfully added to the Wishlist

UC-18 – FR-18:

Use case: A renter sends message to the homeowner

Actor: Renter

Main Success Scenario:

1. The renter goes to a property page and clicks on the "Contact the owner" button
2. The system redirects to a page with a chat with the owner

UC-19 – FR-19:

Use case: A renter creates his criteria for the property he is looking for

Actor: Renter

Main Success Scenario:

1. The renter goes to "My criteria" page and clicks on "Create criteria page"
2. The system shows the "Create criteria" form containing Max price, City, Interior type – Furnished or Unfurnished
3. The renter fills in the information and confirms

4. The system displays a message stating that the criteria is created successfully

3a: There are empty fields

       .1: System displays a message stating all fields are required

       .2: Return to MSS step 2

3c: The Input is invalid

       .1: System displays an error message stating that the input is invalid

       .2: Return to MSS step 2

UC-20 – FR-20:

Use case: A renter edits his criteria for the property he is looking for

Actor: Renter

Main Success Scenario:

1. The renter goes to "My criteria" page and clicks on "Edit criteria page"
2. The system shows the "Create criteria" form containing information fields filled with the already added information
3. The renter edits the information and confirms
4. The system displays a message stating that the criteria is updated successfully

Extensions:

    3a: There are empty fields

    .1: System displays a message stating all fields are required

    .2: Return to MSS step 2

    3c: The Input is invalid

.1: System displays an error message stating that the input is invalid

.2: Return to MSS step 2

UC-21 – FR-21:

Use case: A renter deletes his criteria for the property he is looking for

Actor: Renter

Main Success Scenario:

5. The renter goes to "My criteria" page
6. The system displays his criteria
7. The renter clicks on "Delete button"
8. The system shows a message asking for confirmation
9. The renter confirms
10. The system shows a message stating the criteria is successfully deleted

UC-22 – FR-22:

Use case: A renter receives a notification when a relevant property is added

Actor: Renter

Main Success Scenario:

1. A new property ad is created
2. The system checks if its relevant for the renter's criteria
3. The system sends a notification to the renter

UC-23 – FR-23:

Use case: A renter receives an email when a relevant property is added

Actor: Renter

Main Success Scenario:

1. A new property ad is created
2. The system checks if its relevant for the renter's criteria
3. The system sends an email with a link to the property to the renter

Admin

UC-24 – FR-24:

Use case: An admin approves a pending property ad

Actor: Admin

Main Success Scenario:

1. The admin goes to "Manage property ads" page
2. The system displays a list of the pending property ads
3. The admin clicks on a property ad
4. The system shows a page with all the information for the selected property
5. The admin clicks on the "Approve" button
6. The system shows a message stating that the property is successfully approved
7. The system shows a notification to the renter

UC-25 – FR-25:

Use case: An admin disapproves a pending property ad

Actor: Admin

Main Success Scenario:

1. The admin goes to "Manage property ads" page
2. The system displays a list of the pending property ads
3. The admin clicks on a property ad
4. The system shows a page with all the information for the selected property
5. The admin clicks on the "Disapprove" button
6. The system shows a text filed to be filled in with the reason for the disapproval
7. The admin fills in the information and confirms
8. The system shows a message stating that the ad is successfully disapproved
9. The system sends a notification to the renter

Extensions:

7a: There field for the reason is empty

.1: System displays a message stating that a reason should be added

.2: Return to MSS step 6

UC-26 – FR-26:

Use case: An admin sees an overview of the users

Actor: Admin

Main Success Scenario:

1. The admin goes to "Manage users" page
2. The system displays a list of the current active users

Extensions:

2a: There are no users

.1: System displays a message stating that are no users yet

.2 Return to MSS step 1

UC-27 – FR-27:

Use case: An admin deletes a user

Actor: Admin

Main Success Scenario:

1. The admin goes to "Manage users" page
2. The system displays a list of the current active users
3. The admin selects a user and clicks on "Delete" button
4. The system displays a message stating that the user is successfully deleted
5. The user account is deactivated but the data is kept for 3 years

Extensions:

2a: There is no user selected

.1: System displays a message stating that is no user selected

.2 Return to MSS step 1

UC-28 – FR-28:

Use case: An admin sees statistics about the real estate market based on the data in the application

Actor: Admin

Main Success Scenario:

3. The admin goes to "Statistics" page
4. System shows statistics about: total number of properties in each city, average price per city, average price in the Netherlands, distribution of the property types per city, average square meters per city

Extensions:

<u>2a: There are no statistics yet</u>

      .1: System displays a message stating that there is no data yet

      .2: Return to MSS step 1

User stories

Every user

User Story 1. - 40 story points

As a user I can see an overview of all property ads and be able to see more details about a selected property

Acceptance criteria:

A card with a picture of the property and information about location – city, number of rooms, property type – house, apartments, room, studio and price in euro is displayed for every ad

The is not going to have a pagination, it will be "infinite scroll"

Properties that are from homeowners with upgraded accounts will be marked with a "Top" flag and displayed at the top of the list

The default sorting for the regular property ads will be by the published date

When clicking on a card of a property ad a new page will be displayed with more details for the property

The page will contain information about: Property type – house, room, apartment, studio, Price in euro, Location – City, Street Name, Street Number, Post Code, Interior – Furnished, Unfurnished, Living space – square meters, Number of rooms, Number of bedrooms, Extras – terrace, parking spot, garden, Description with more details, Pictures of the property

The page has a button for contacting the homeowner

User Story 2. - 30 story points

As a user I want to be able to filter the list of the properties by selecting a property type, price range, city, interior type, number of rooms, number of bedrooms and extras (terrace, parking spot, garden)

Acceptance criteria:

Filters are displayed on the same page as the list of the properties

Every filter is shown as checkboxes

Multiple filters can be combined

Multiple options for one filter can be chosen

After clicking the "Filter" button the system displays the relevant results

If there are no relevant results for the selected filtering the system displays "No matching results" message

User Story 3. - 30 story points

As an account holder I can login into the website

Acceptance criteria:

A user can login onto the website only if they already have an exciting account

The credentials and the password should be valid

User Story 4. - 30 story points

As a user I can create an account either as a Homeowner or a Renter

Acceptance criteria:

It is possible to create an account only with email that has not been registered yet

All information fields should be entered – email, password, first name, last name

The email field should be filled with a valid email

The password should contain at least 8 characters, at least one digit and at least one character

The first name and last name fields should be filled with more than 1 character

Either a Homeowner or a Renter option should be selected

User Story 5. - 20 story points

As an account holder I can edit my profile's information by going to edit my profile page

Acceptance criteria:

The user can change his password only after entering the correct current password and confirming

The new password should contain at least 8 characters, at least one digit and at least one character

The email of the user can be changed but it should not match an email of an already registered user

The first name and last name fields should be filled with more than 1 character when editing

User Story 6. - 5 story points

As a logged in user, I can log out of my account

Acceptance criteria:

After being logged out, the user will not be able to access pages that require authentication

Homeowner user type

User Story 7. - 40 story points

As a logged in homeowner, I want to be able to create, edit and delete a property ad

Acceptance criteria:

For adding a new property ad the homeowner goes to "Add a property" page. The system shows a form containing uploading pictures, description, city, street, street number, postcode, property type – single choice, interior type – single choice, number of rooms, number of bedrooms, square meters, extras- multiple choice and price in euro

All fileds should be filled in with valid information.

After clicking the "Create" button, the system checks if the information is valid, if it is not, the system shows an error message, if it is the systems shows a message stating that the property add is successfully created.

For editing an ad the homeowner selects a property from "My properties" page and clicks on the "Edit" button.

The system shows a form filled with the information of the selected property. After editing the parameters, the homeowner clicks on the "Update" button. If the information is valid, the system shows a message stating that the updating is successful, if it is not ,the system shows an error message

For deleting an ad the homeowner selects a property from "My properties" page and clicks on the "Delete" button, after confirming, the system shows a message stating the ad is deleted successfully

User Story 8. - 10 story points

As a logged in homeowner, I want to be able to see an overview of my property ads that are still active, see the whole ad and mark it as rented

Acceptance criteria:

On page "My properties" a list of the ads that are still active and added by the homeowner is displayed.

By clicking on a property ad, the homeowner can see the whole ad in a new page with all details

By selecting a property ad and clicking on the button "Reneted", the property will be marked as rented and removed from the website for the other users.

User Story .9 - 10 story points

As a logged in homeowner, I want to be able to see an automatically calculated example price when creating a new property ad.

Acceptance criteria:

After filling in the form for creating a property ad and clicking on the button show price, an example price in euro for the property is displayed.

The example price is calculated based on the data in the application and the entered parameters of the property.

User Story 10. - 50 story points

As a logged in homeowner, I want to be able to upgrade to a premium account

Acceptance criteria:

The homeowner goes to "My profile" page, clicks on "Upgrade to premium" button and confirms.

After upgrading to a premium account, the homeowner has access to all statistics

Their property ads will be marked as "Top choice" and shown on top of the list

All renters subscribed to the newsletter will receive an email when this homeowner creates a new property ad

User Story 11. - 30 story points

As a logged in homeowner, I want to be able to see statistics related to real estate market

Acceptance criteria:

Renter user type

User Story 12. - 5 story points

As a logged in renter, I want to be able to subscribe to newsletter to receive emails when a relevant property add is added

Acceptance criteria:

A "Subscribe" button is displayed on the home page

After clicking on the "Subscribe" button a pop-up window shows up with the email address of the logged in user and information about terms and conditions

After confirming, a message is displayed stating that the user has successfully subscribed to the newsletter.

User Story 13. - 20 story points

As a logged in renter, I want to be able to add property to my Wishlist

Acceptance criteria:

A button "Add to Wishlist" is displayed on the right corner of each property ad on the home page

A button "Add to Wishlist" is displayed on the right corner on the page of the property

An overview of the properties added to the Wishlist can be seen on the "Wishlist" page

User Story 14. - 70 story points

As a logged in renter, I want to be able to send messages to the homeowner of a property that I am interested in

Acceptance criteria:

A button "Contact the owner" is displayed on the page of the property

After clicking on the button, a new page is opened with a chat with the owner

The renter will be able to receive the answer of the landlord when he responds

User Story 15. - 20 story points

As a logged in renter, I want to be able to create, edit and delete my criteria for the property that I am looking for

Acceptance criteria:

On "My criteria" page the renter can create a new criteria

The system shows the "Create criteria" form containing Max price, City, Interior type – Furnished or Unfurnished

Max price field is a dropdown menu starting with 200 euro and finishing with 4000+ euro

The city field is a multiple choice checkboxes

The interior type field is a multiple choice checkboxes

All fileds should be filled in or selected for successful submission of the criteria

If the fileds are not filled the system shows an error message

The renter can have only one criteria

The renter can edit his criteria form the edit button, after the system shows the his current criteria and he can change the fields and safe the new one with pressing the "Save changes button"

The renter can delete the criteria by pressing the "Delete" button. After that the system shows a message for double confirming, after the renter confirms, the criteria is deleted successfully.

User Story 16. - 40 story points

As a logged in renter, I want to be able to receive a notification when a relevant property ad is added

Acceptance criteria:

The user can only receive notifications if he has entered his criteria

If a property is relevant for him is determined from the criteria

The notification can be seen by clicking the notification icon from the navigation bar

User Story 17. - 30 story points

As a renter, I want to be able to receive an email when a relevant property ad is added

Acceptance criteria:

An email with a link to the property ad is sent to the user only if he is subscribed to the newsletter and the property ad meet the criteria he entered.

Admin user type

User Story 18. - 20 story points

As a logged in admin, I want to be able to approve a property ad, created by a homeowner

Acceptance criteria:

On the "Manage property ads" page the pending property ads are displayed in a list; the admin can click on them to see the full information with description and pictures.

In case of approving, the ad will be visible on the website for everyone

In case of disapproving, the admin should describe the reason for rejection in the text field. The text filed should be filled with more than 20 characters.

The homeowner who has created this property ad will receive a notification when the admin approves or disapproves

User Story 19. - 10 story points

As a logged in admin, I want to be able to see an overview of the users

Acceptance criteria:

On the "Manage users" page a list of the current active users is displayed containing their email, role – Homeowner or Renter and first name and last name.

User Story 20. - 10 story points

As a logged in admin, I want to be able to delete a user's account

Acceptance criteria:

The admin choses a user from the list of users and clicks on "Delete" button, then the system ask for confirmation, after the admin confirms, the user account is deleted successfully.

The system keeps all information and history for the user in the database for 3 years. After 3 years the information about the user is deleted.

User Story 21 - 30 story points

As a logged in admin, I want to be able to see statistics about the real estate market

Acceptance criteria:

The statistics are displayed on the "Statistics" page

The system shows statistics about total number of properties in each city, average price per city, average price in the Netherlands, distribution of the property types per city, average square meters per city

The statistics are based entirely on the data in the app

Wireframes

Rental properties

Hero section

pic

Filter

Property type
- ☐ Apartment
- ☐ House
- ☑ Studio
- ☐ House

Price range
From: [____]
Max: [____]

City
- ☐ Amsterdam
- ☐ Rotterdam
- ☑ Eindhoven
- ☐ Hague

Interior
- ☐ Furnished
- ☐ Unfurnished
- ☑ Bald

Number or rooms
- ☐ 1
- ☐ 1+
- ☑ 2+

...
...

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pic | Studio - Pizanosraat Eindhoven | Add to Wishlist
10m² | 1 room | View

pic | Studio - Pizanosraat Eindhoven | Add to Wishlist
10m² | 1 room | View

pic | Studio - Pizanosraat Eindhoven | Add to Wishlist
10m² | 1 room | View

pic | Studio - Pizanosraat Eindhoven | Add to Wishlist
10m² | 1 room | View

Property page

Rental properties Wishlist My criteria My profile Logout

pic pic

Studio - Pizanosraat Eindhoven   Price

Address   Sqaure meeters

Rooms   Available from

Bedrooms   Extras

Lorem Ipsum is simply dummy text of the printing
and typesetting industry. Lorem Ipsum has been the
industry's standard dummy text ever since the
1500s, when an unknown printer took a galley of
type and scrambled it to make a type specimen
book. It has survived not only five centuries, but also
the leap into electronic typesetting, remaining
essentially unchanged.

Add to Wishlist

Contact the
landlord

My properties - Homeonwner account

Logo
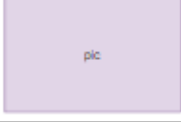
Rental properties | Add a property | My properties | Stats | My profile | Logout

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pic

Studio - Pizanosraat Eindhoven

10m²   1 room

Edit

Delete

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pic

Studio - Pizanosraat Eindhoven

10m²   1 room

Edit

Delete

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pic

Studio - Pizanosraat Eindhoven

10m²   1 room

Edit

Delete

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pic

Studio - Pizanosraat Eindhoven

10m²   1 room

Edit

Delete

My profile page

Logo

e-mail   rosica@gmail.com

password   *********

Name   Rositsa

Last Name   Nikolova

Edit profile

My criteria - Renter account

Logo

Newsletter...   Subscribe

My criteria

Create my criteria   Delete my criteria   Edit my criteria

Manage properties - Admin account

Logo

Pending property requests
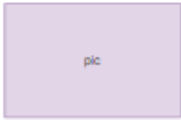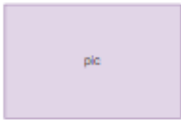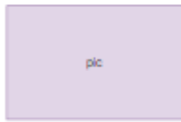
pic	Studio - Pizanosraat Eindhoven	Approve
	10m² 1 room	Disapprove

pic	Studio - Pizanosraat Eindhoven	Approve
	10m² 1 room	Disapprove

pic	Studio - Pizanosraat Eindhoven	Approve
	10m² 1 room	Disapprove

pic	Studio - Pizanosraat Eindhoven	Approve
	10m² 1 room	Disapprove