Definition of the Endpoints

1. Visitor's endpoints:

1.1. Sign in

Description: Allows a visitor to sign in into their account and checks the credentials of their account.

URL: http://real_state:8080/signin

Request type: POST

1.2. Sign up

Description: Creates an account according to the data filled in the form.

URL: http://real_state:8080/signup

Request type: POST

1.3. Search properties

Description: Allows a visitor to find the properties on the website.

URL: http://real_state:8080/search-properties

Request type: POST

1.4. Filter properties

Description: Allows a visitor to filter the search with one or more filters.

URL: http://real_state:8080/search-properties/[filters]

Request type: POST

1.5. View properties

Description: Show the information of a property. Including "View property pictures" and "View property in map" in this section.

URL: http://real_state:8080/view-property/[property_id]

Request type: GET

2. Client's endpoints:

2.1. View profile

Description: Show the information of an account.

URL: http://real_state:8080/view-profile/{user_id}

Request type: GET

2.2. Update profile

Description: Allows a client to update his account.

URL: http://real_state:8080/update-profile/{user_id}

Request type: PUT

2.3. Delete profile

Description: Allows a client to delete his account.

URL: http://real_state:8080/delete-profile/{user_id}

Request type: DELETE

2.4. View appointment

Description: Show all the information related to an appointment.

URL: http://real_state:8080/view-appointment/{appointment_id}

Request type: GET

2.5. Request appointment

Description: Allows a client to request an appointment.

URL: http://real_state:8080/request-appointment/{appointment_id}

Request type: POST

2.6. Cancel appointment

Description: Allows a client to cancel an appointment.

URL: http://real_state:8080/cancel-appointment/{appointment_id}

Request type: DELETE

2.7. Sign out

Description: Allows a client to sing out of its account

URL: http://real_state:8080/signout/{user_id}

Request type: POST

3. Agent's endpoints:

3.1. View requests

Description: Show all existing requests.

URL: http://real_state:8080/view-request/{request_id}

Request type: GET

3.2. Accept request

Description: Allows an agent to accept a client request.

URL: http://real_state:8080/accept-request/{request_id}

Request type: POST

3.3. Reject request

Description: Allows an agent to reject a client request.

URL: http://real_state:8080/reject-request/{request_id}

Request type: POST

3.4. View properties

Description: Show the information of a property.

URL: http://real_state:8080/view-properties/{user_id}/[property_id]

Request type: GET

3.5. Publish property

Description: Allows an agent to publish a specific property.

URL: http://real_state:8080/publish-property/{user_id}/{property_id}

Request type: POST

3.6. Delete property

Description: Allows an agent to delete a specific property.

URL: http://real_state:8080/delete-property/{user_id}/{property_id}

Request type: DELETE

3.7. Update property

Description: Allows an agent to update a specific property.

URL: http://real_state:8080/update-property/{user_id}/{property_id}

Request type: PUT

3.8. View scheduled appointments

Description: Show the information of all scheduled appointments.

URL: http://real_state:8080/view-scheduled-appointments/{user_id}/[appointment_id]

Request type: GET

3.9. Sign out

Description: Allows an agent to sing out of its account.

URL: http://real_state:8080/signout/{user_id}

Request type: POST