

# Case Velocii!

Link GitHub: <https://github.com/SeleucusTheGreat/CaseVelocii>

## User Stories:

**Feature:** A new User Signs up to the website and gets immediately logged-in

As a new user, I want to be able to sign up and be logged in immediately after so that I can start using the app.

**Scenario:** Sign up and Check if logged in

**Given** I am on CaseVelocii homepage

**And** I'm a new user

**When** I click on user icon

**And** I click on Sign up

**Then** I should be able to fill out the sign-up form

**And** I enter my full name, email, password, and password confirmation

**And** I click on Sign up

**Then** I should be logged in as a registered user

**Feature:** A registered User Creates a new post regarding one of his houses.

As a logged-in user, I want to create a new post about my house so that other interested users can see it.

**Scenario:** User create a House Post

**Given** I am on CaseVelocii homepage

**And** I am logged in

**When** I click on the user icon

**And** I click on My Houses

**Then** I should see a list of my houses

**And** I click on "Post a New House"

**Then** I should be able to fill out the form

**And** I enter all the information required

**And** I upload one or more pictures

**And** I click on Create

**Then** I should see a confirmation message that the post has been successfully created

**When** I visit My Houses again

**And** I should see the House post I've just created

**Then** I click on the house I've just created

**And** I should see all the details about the house

**And** they should be correct

**Feature:** A registered User Modifies his profile and add a new profile picture

As a logged-in user, I want to modify my profile attributes and change my profile picture so other users know who I am.

**Scenario:** User modifies his user profile

**Given** I am on CaseVelocii homepage  
**And** I am logged in  
**When** I click on the user icon  
**And** I click on "My Profile"  
**Then** I should see my User Profile  
**Then** I click on "Edit Profile"  
**Then** I should be able to fill out the form  
**And** I enter my full name, email, password, and password confirmation  
**And** I upload a picture of myself  
**And** I click on "Save Changes"  
**Then** I visit "My Profile" page again  
**And** I should see the changes on my profile  
**And** I should see my new profile picture

**Feature:** A registered User Modifies his recent House Post

As a logged-in user, I want to modify one of my recent house posts so that I can provide the correct information regarding my house.

**Scenario:** User edits one of his House Posts

**Given** I am on CaseVelocii homepage  
**And** I am logged in  
**When** I click on the "user icon"  
**And** I click on "My Houses"  
**Then** I should see a list of my houses  
**And** I click on "Edit" on one of my House Posts  
**Then** I should be able to fill out the form  
**And** I modify one or more information  
**And** I click on "Update"  
**Then** I should see a confirmation message that the post has been successfully edited  
**Then** I visit "My Houses" again  
**And** I click on "Show" on the House Post I've just modified  
**Then** I should be able to see all the correct information.

**Feature:** A registered User Clicks on a notification and replies to a user with a Message

As a logged-in user, I want to click on a new notification that just arrived regarding someone interested in one of my houses. Then I want to reply to that user's message with a new message so that we can find a compromise regarding my house.

**Scenario:** User send message throw notification

**Given** I am on CaseVelocii homepage  
**And** I am logged in  
**When** I click on the Notification Icon  
**Then** I can see all my recent notifications  
**When** I click on my latest notification  
**And** I should see all the messages I've sent to the user  
**And** I should see all the messages I've receive from that user  
**Then** I should be able to write a new message  
**And** I write a new message  
**And** I click on "Send"  
**Then** I should see a confirmation message that the message has been successfully sent  
**And** I should see my new message as the latest message sent to that user

**Feature:** A registered User Views all his chats from different posts

As a logged-in user, I want to see a list of all my ongoing chats from different posts so that I can easily manage and continue my conversations.

**Scenario:** User views his chat list

**Given** I am on CaseVelocii homepage  
**And** I am logged in  
**When** I click on the "My Profile"  
**Then** I should see a list of all my chats  
**And** each chat should display the other user's profile picture and name  
**And** each chat should show the associated post's image and title  
**And** each chat should display the last message exchanged  
**When** I click on a specific chat  
**Then** I should be taken to the full conversation for that chat

**Feature:** A registered User Starts a new chat about a house post

As a logged-in user, I want to initiate a conversation with the owner of a house post I'm interested in, so that I can inquire about the property.

**Scenario:** User starts a new chat from a house post

**Given** I am on CaseVelocii homepage

**And** I am logged in

**When** I click on a house post that interests me

**Then** I should see the details of the house post

**And** I should see a Send Message and a text box

**Then** I write a new message

**And** I click on Send Message

**Then** A new chat should be created between me and the House owner

**When** I visit my User Page

**Then** A new chat should be visible

**And** it should display the other user's profile picture and name

**And** it should show the associated post's image and title

**And** it should display the last message exchanged

**Feature:** A new user Searches for a house near where he lives

As a logged-in user, I want to search for houses close to where I live so I can find my next house near my current location.

**Scenario:** User searches for a house using address and radius

**Given** I am on the CaseVelocii homepage

**And** I am logged in

**When** I enter my address and a specific radius of distance in the Search bar

**And** I enter the name of my city

**And** I click on Search

**Then** I should see posts regarding houses in my city

**And** the posts should be within the specified radius of my address

**When** I click on one of these posts

**Then** I should see detailed information about the house

**And** I should see a map with the address of the house displayed

**Feature:** a new User Searches for a house in my city within a budget

As a non logged-in user, I want to search for houses in my city that cost less than €500,000 so I can find affordable housing options.

**Scenario:** User searches for houses in the city within a budget

**Given** I am on the CaseVelocii homepage

**And** I am not logged in

**When** I enter the name of my city in the Search bar

**And** I set the maximum price to €500,000

**And** I click on "Search"

**Then** I should see posts regarding houses in my city

**And** the posts should only include houses that cost less than €500,000

**When** I click on one of these posts

**Then** I should see detailed information about the house

**And** I should cost less than €500,000

**And** I shouldn't be able to send message to the owner of the house

**Feature:** an Admin searches and deletes a House post with incorrect information

As an admin, I want to access the admin panel and delete posts with incorrect information to maintain the accuracy and quality of the posts on the platform.

**Scenario:** Admin deletes a post with incorrect information

**Given** I am on the CaseVelocii homepage

**And** I am logged in as an admin

**When** I click on the user icon

**And** I click on "Admin Panel"

**Then** I should see the admin dashboard

**When** I search for the post with incorrect informations

**And** I find a post with incorrect information

**Then** I click on the "Delete" button for that post

**Then** the post should be removed from the platform

**And** I should see a confirmation message that the post has been successfully deleted

**Feature:** A registered User Delete a post after selling a house

As a logged-in user, I want to delete my house post once I have sold my house so that it no longer appears on the platform.

**Scenario:** User deletes a post after selling their house

**Given** I am on the CaseVelocii homepage

**And** I am logged in

**When** I click on the user icon

**And** I click on "My Houses"

**Then** I should see a list of my house posts

**When** I find the post for the house I have sold

**And** I click on the "Delete" button for that post

**Then** the post should be removed

**And** I should see a confirmation message that the post has been successfully deleted

**Feature:** A new User Sign up with Google OAuth and check profile

As a new user, I want to be able to sign up with Google and check if my name and avatar image are correctly displayed in my profile.

**Scenario:** Sign up with Google OAuth

**Given** I am on the CaseVelocii homepage

**And** I'm a new user

**When** I click on the user icon

**And** I click on "Sign Up"

**Then** I should be able to click on the "Sign Up with Google" button

**And** I click on that button

**Then** I should be redirected to the Google OAuth page

**And** I grant access to CaseVelocii in the Google authorization panel

**Then** I should be redirected to the CaseVelocii homepage

**And** I should be logged in with my Google account

**When** I click on the user icon

**And** I click on My Profile

**Then** I should see my profile

**And** I should see my Google name

**And** I should see my Google avatar picture

**Feature:** New User logs in with Google OAuth

As a Google user but not logged-in, I want to be able to log in using my Google Account without being required to insert any email or password

**Scenario:** Log in with Google OAuth

**Given** I am on CaseVelocii homepage

**And** I'm not logged-in

**When** I click on user icon

**And** I click on "Log In"

**Then** I should be able to click on "Log in with Google" button

**And** I click on that button

**Then** I should be able redirected to CaseVelocii homepage

**And** I should see logged-in

**And** I should see my Google name

**And** I should see my Google avatar picture

**Feature:** An Admin searches and edits a post with incorrect information

As an admin, I want to access the admin panel and edit posts with incorrect information to maintain the accuracy and quality of the listings on the platform.

**Scenario:** Admin edits a post with incorrect information

**Given** I am on the CaseVelocii homepage

**And** I am logged in as an admin

**When** I click on the user icon

**And** I click on "Admin Panel"

**Then** I should see the admin dashboard

**Then** I search for the post with incorrect information

**And** I find a post with incorrect information

**Then** I click on the "Edit" button for that post

**And** I should be able to edit the information of the post

**When** I update the incorrect information

**And** I click "Save Changes"

**Then** the post should be updated with correct information

**And** I should see a confirmation message that the post has been successfully updated

# Piano dei test:

Per l'implementazione dei test, ho utilizzato Cucumber + Capybara. Le User Stories selezionate illustrano chiaramente le diverse funzionalità della webapp.

1. **Creazione di un Post** : La prima User Story descrive il processo di creazione di un post riguardante una proprietà.
2. **Interazioni tra Utenti**: La seconda User Story mostra come gli utenti interagiscono tra loro e come vengono gestite le chat e i messaggi.
3. **Funzionalità di Ricerca**: La terza User Story spiega le funzionalità di ricerca, permettendo agli utenti di trovare varie proprietà inserendo un indirizzo e un raggio di ricerca.
4. **Moderazione da parte degli Admin**: La quarta User Story evidenzia i poteri degli amministratori nella moderazione dei post e nella gestione dei dati relativi ai post stessi.

## 1) **Feature:** A registered User Creates a new post regarding one of his houses.

As a logged-in user, I want to create a new post about my house so that other interested users can see it.

## 2) **Feature:** A registered User Starts a new chat about a house post

As a logged-in user, I want to initiate a conversation with the owner of a house post I'm interested in, so that I can inquire about the property.

## 3) **Feature:** A new user Searches for a house near where he lives

As a logged-in user, I want to search for houses close to where I live so I can find my next house near my current location.

## 4) **Feature:** an Admin searches and deletes a House post with incorrect information

As an admin, I want to access the admin panel and delete posts with incorrect information to maintain the accuracy and quality of the posts on the platform.

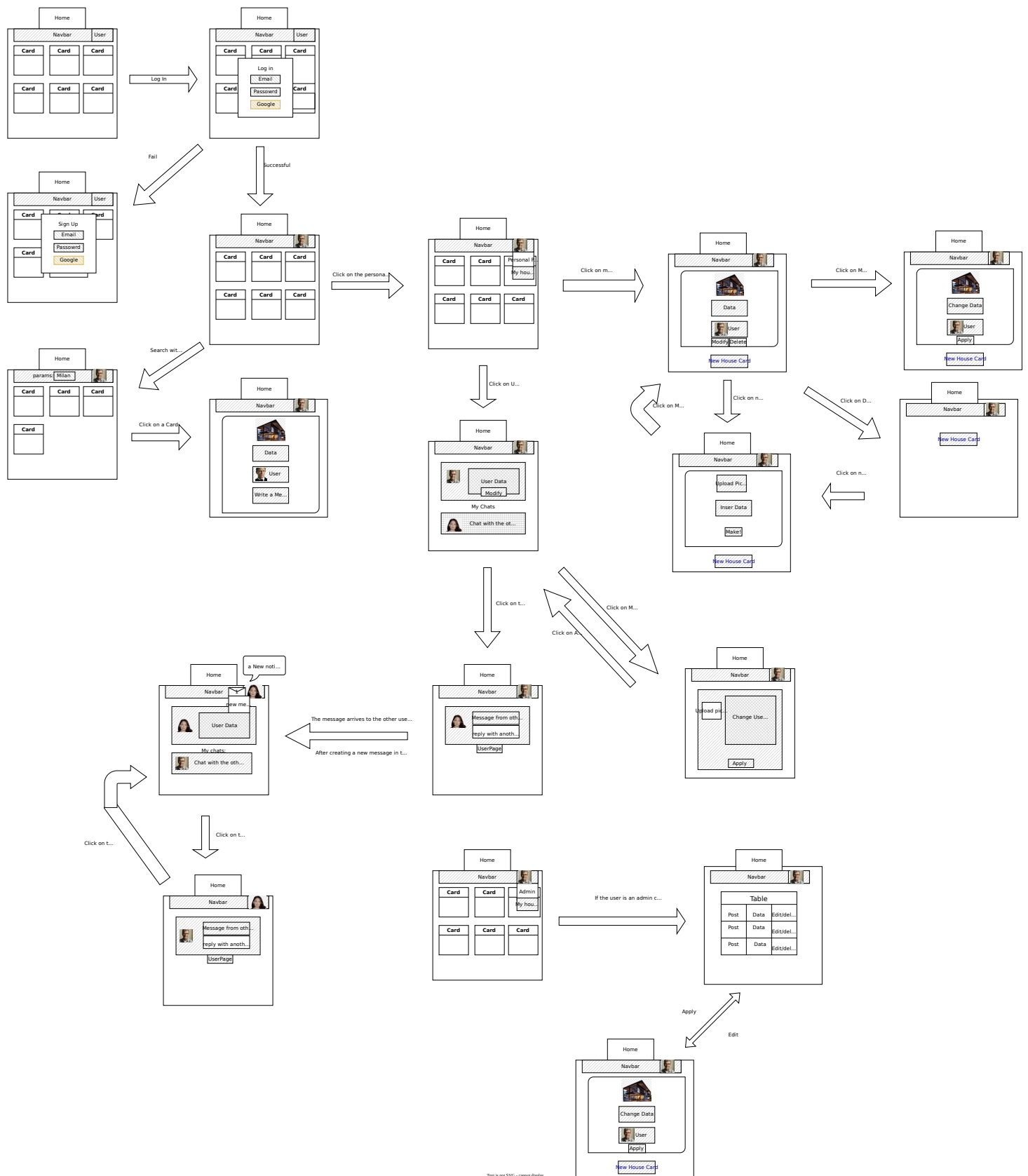


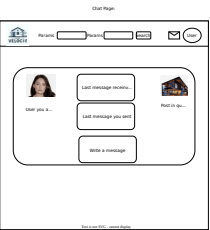
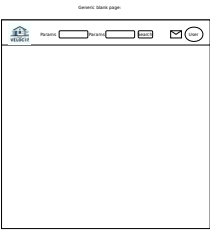
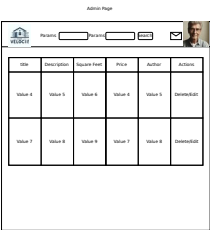
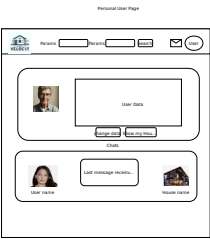
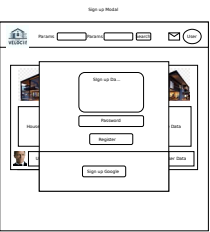
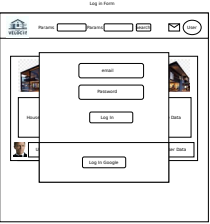
# Struttura Controllo degli Accessi:

Funzionalità	Utente non Registrato	Utente Registrato	Admin
Log In:	✓	✓	✓
Sign Up:	✓		
See House Posts in the Homepage:	✓	✓	✓
Click on House Posts:	✓	✓	✓
Search for House Posts:	✓	✓	✓
Access My Profile:		✓	✓
Access My Houses:		✓	✓
Access Admin Panel:			✓
Send a Message to an Owner:		✓	✓
Reply to a Message:		✓	✓
Modify my House Posts:		✓	✓
Delete My House Posts:		✓	✓
Modify every House Post:			✓

Delete every House Post:			✓
Change my User Profile:		✓	✓
View conversations of my Post:		✓	✓
Access my Chats:		✓	✓
Make a User an Admin			
Receive Notifications		✓	✓
Click on my Notifications		✓	✓
Log Out		✓	✓

## Mockups:





# Schema DB:

