

CODING BRAIN PROJECT DESIGN
“UMIGO”

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Friday, November 7th



Universidad Nacional de Colombia
Facultad de Ingeniería
Departamento de Sistemas e Industrial
2025

CRC CARDS

Administrator	
View Reports Change the status of a Report Manage UserCreatedContents Manage Listings Manage Users	User Listing Report UserCreatedContent
User (Reportable)	
Knows email Knows username Knows password Knows suspension status (suspended/not suspended) Knows remaining suspension time Create an account Notify via email when an account is created Delete own account Make Comments Delete own Comments View Comments from other Users Report other Users Edit profile Knows own Reports	Report Comment Listing
Student (User)	
Knows favorite Listings Search Listings Browse interactive map Make Reviews for Listings View Reviews from other Students Delete own Reviews Report Listings Add Listings to favorites list Remove Listings from favorites list	Listing Review Report

Landlord (User)	
Knows own Listings Create Listings Edit own Listings Delete own Listings Change availability status (available/unavailable) of own Listings Check statistics of views for own Listings	Listing

Listing (Reportable, Notifier)	
Knows features (price, location, rooms, bathroom information (private or shared, number of bathrooms and number of people who share them, if that is the case), photos, price of utilities) Knows availability state Knows views Knows Comments Knows Reviews Knows Students who have this Listing as favorite Knows rating Expose location for map Expose location for zone filter Notify Students who have this Listing as favorite when availability state changes	Student Comment Review

UserCreatedContent	
Knows text Knows User who published it	User

Comment (UserCreatedContent)	
Knows Comments under itself	

Review (UserCreatedContent)

Knows star rating (0 to 5)

Report (Notificator)

Knows Reportable attached to it
Knows reason
Knows status (under review/accepted/rejected)

Reportable User

Reportable

Show own content (depending on the subclass)
Show User who created this content (or the User itself, if the Reportable is a User)

User

Notificator

Knows Users to notify
Notify

User

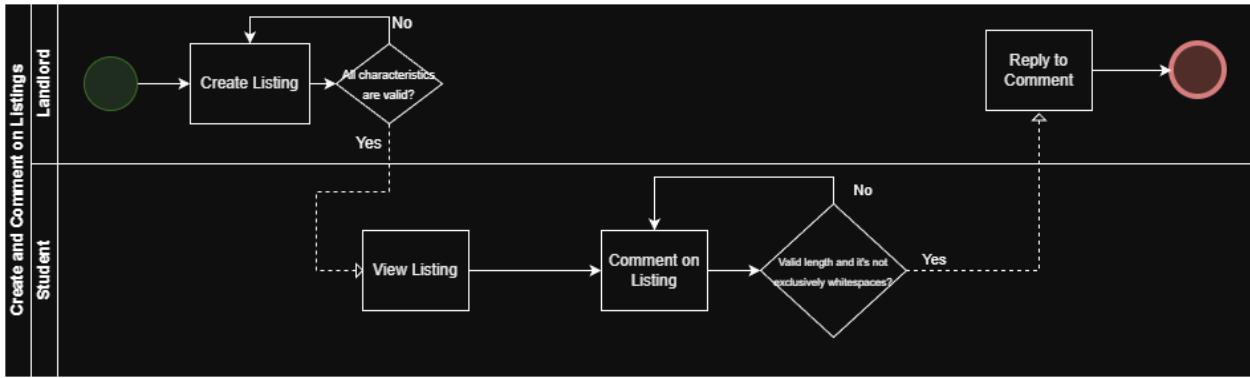
Login

Check credentials for access

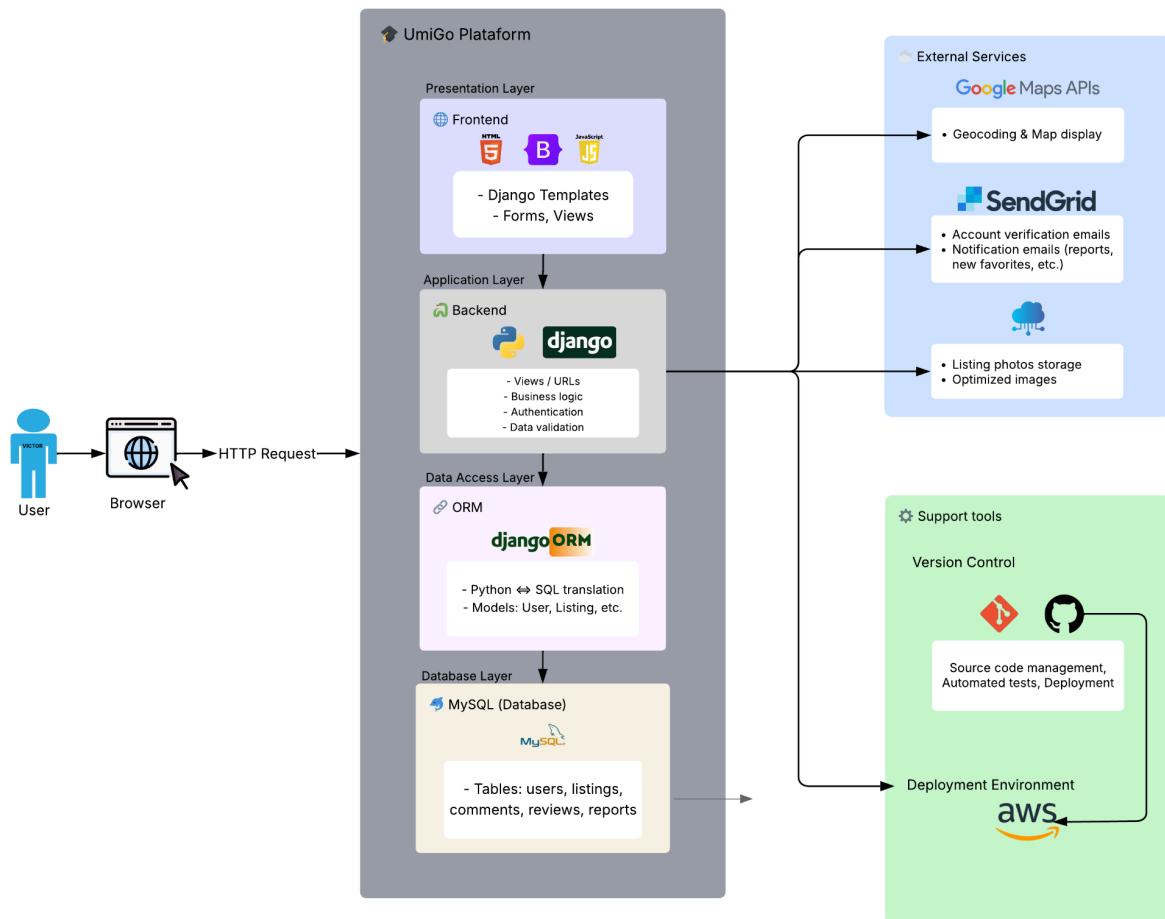
User

Mockupshttps://www.canva.com/design/DAG344OhwGs/h_6B1OkF-fARRjqablhz4Q/edit

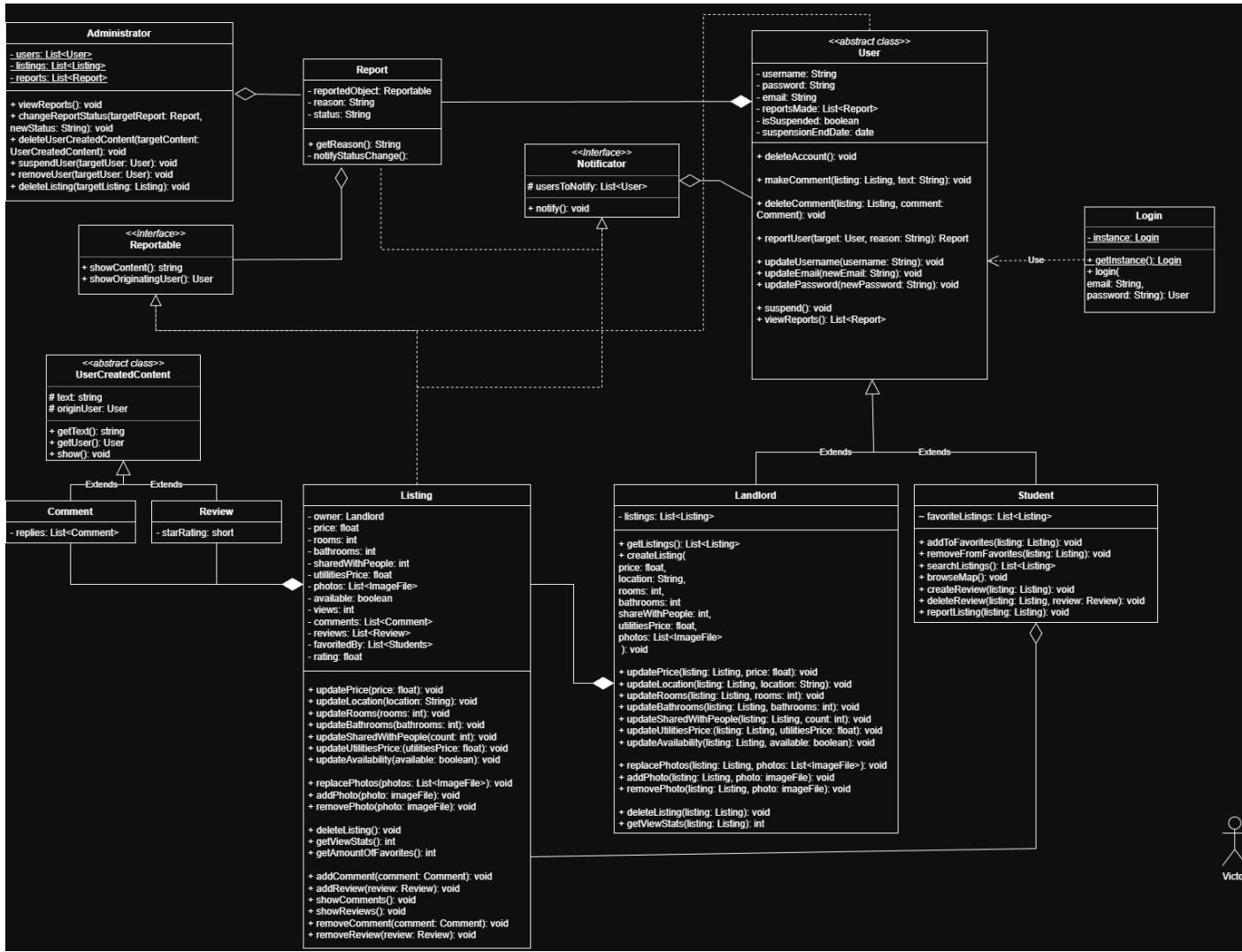
Business Model Process



Architecture Diagram



Class Diagram



Database model

Victor

