

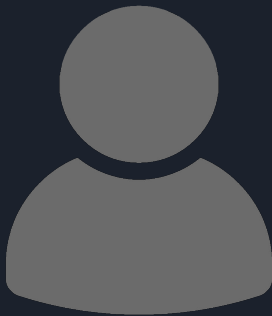
Presentation of Work Distributed Systems

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Our work...

We have created a rental management system. We have the following user roles:



TENANT

LESSOR



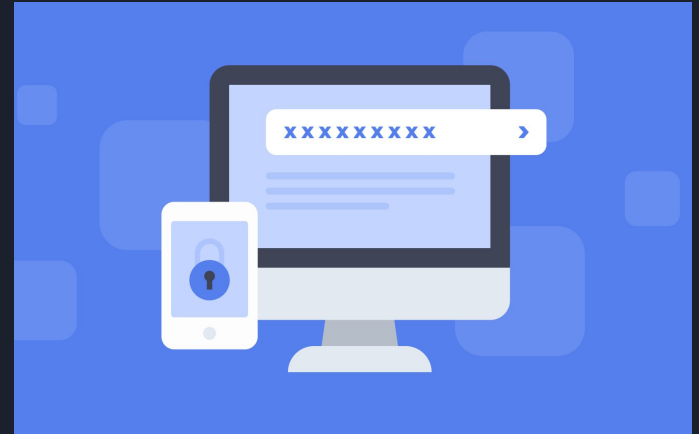
ADMIN

What we implemented...

- Backend Token Auth
- Backend Basic Auth
- Frontend (w/ basic auth)

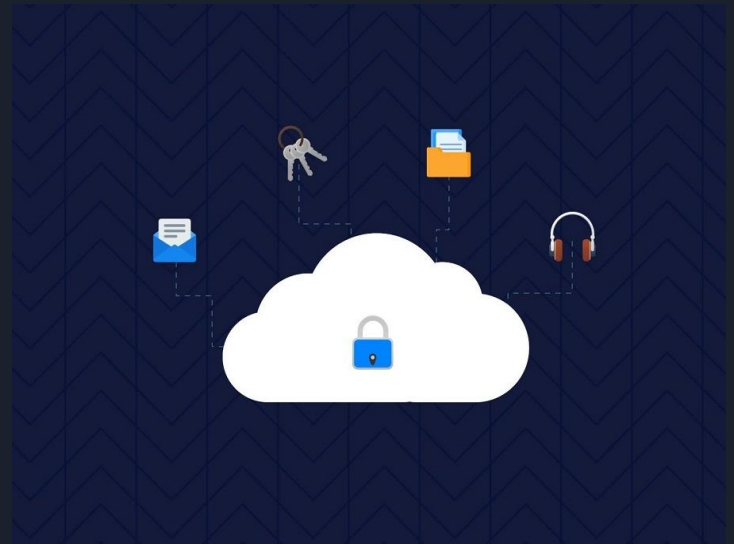
(same NW).

- Cloud Deployment



Security

Each user's data is protected and only he can manage them. We separate them functions of each role with its use Spring Boot Security.

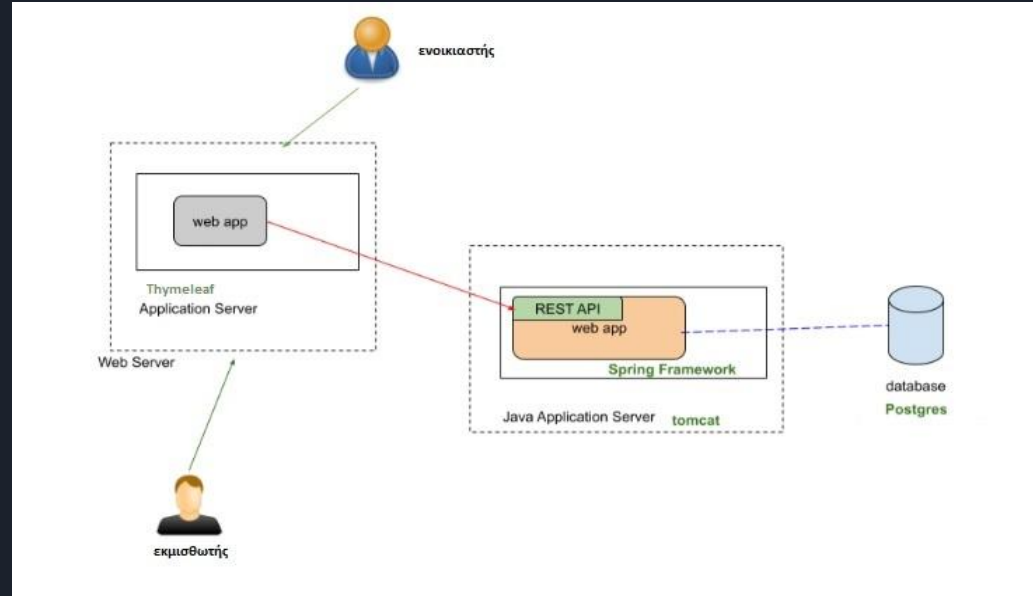




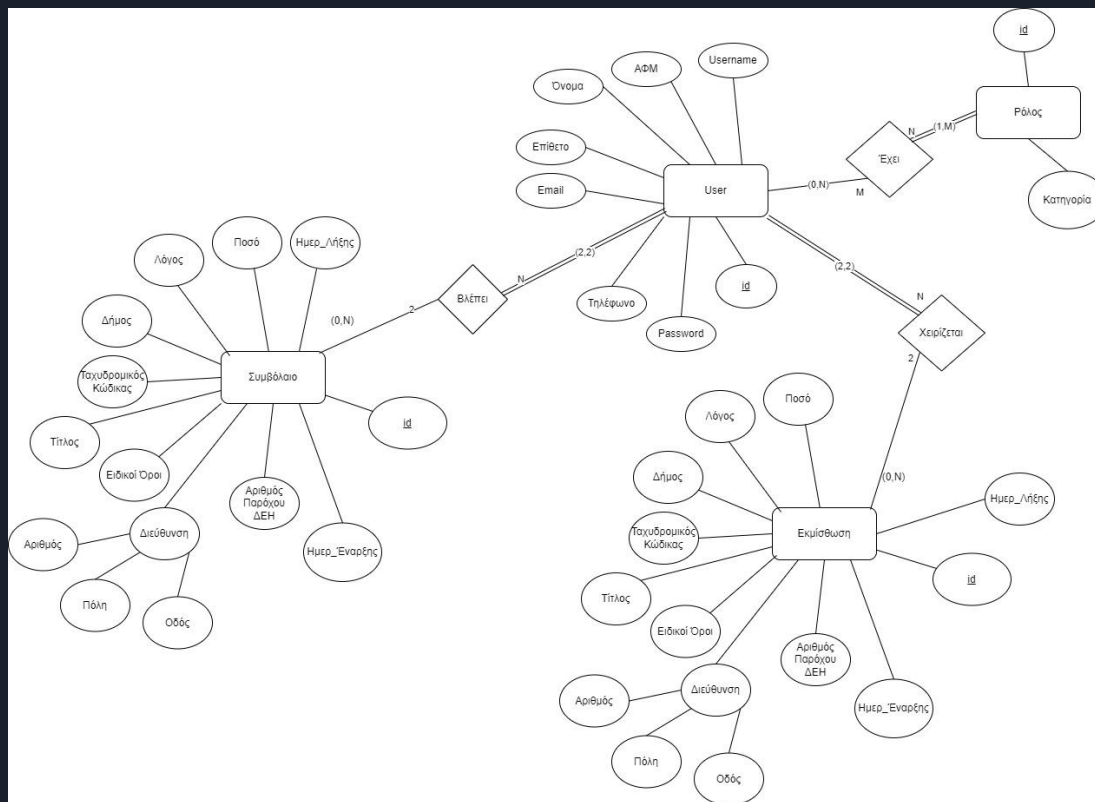
Our main services:

- Login / Sign up
- Createleases
- Processingleases
- Createcontracts
- Search
- Comments
- and more...

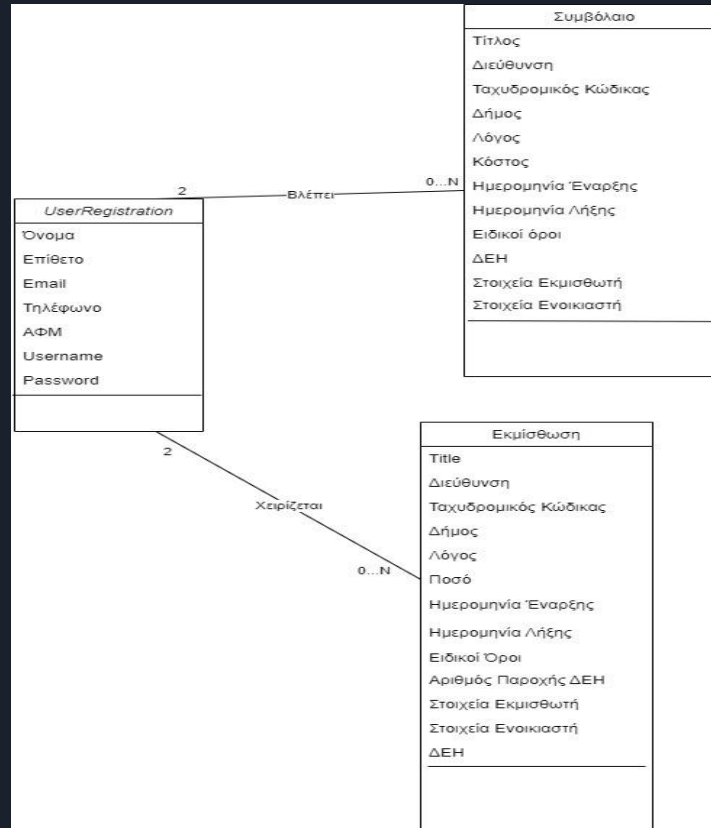
Overall architecture of all parts of the system:



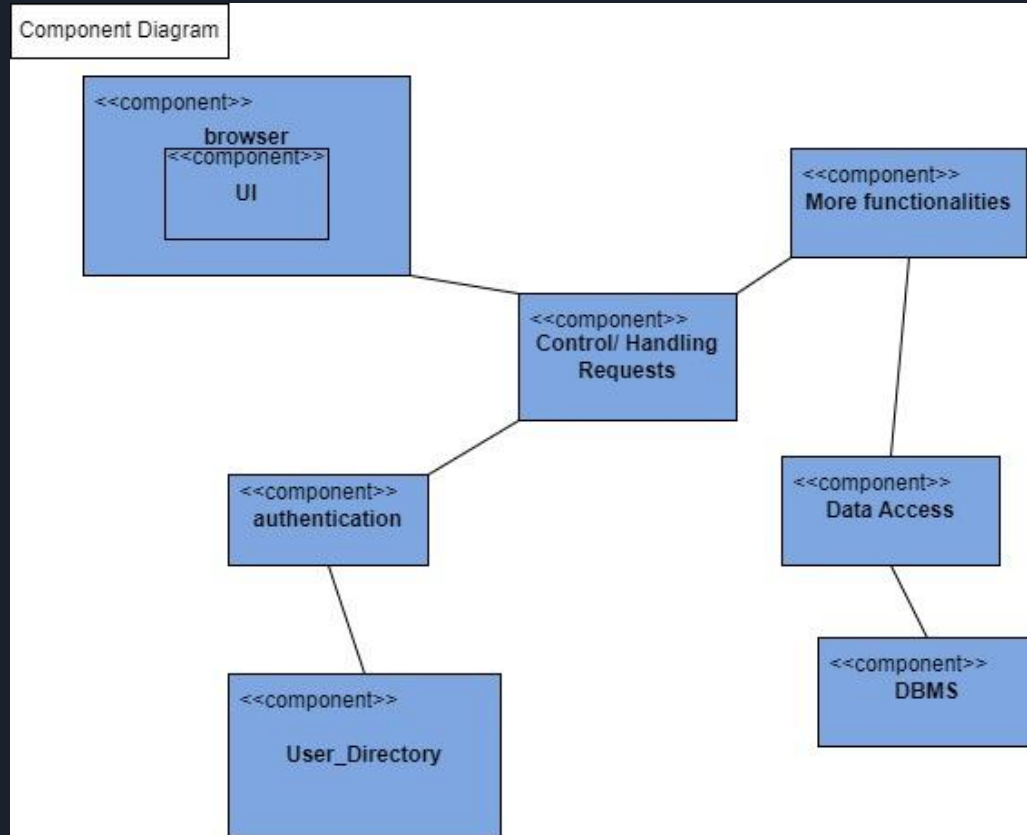
ER Diagram:



Class Diagram:



Component Diagram:



Email Verification

Verification System,
for user
registration (and
avoiding bots...)



PostgreSQL

Her management
our base, it is possible
through her
PostgreSQL.



Cloud Deployment:

Our application
is also hosted oncloud
with its use Microsoft
Azure.





Other Links:

- YouTube:[Cloud Showcase](#)
- Cloud URL:[http://40.66.41.210:8080/](#) (deprecated)
- [Final Derivative Documents](#)
- [Github Repository](#)



Image Source:

[Security image](#)

[Token Auth image](#)

[PostgreSQL image](#)

[Email Verification image](#)

[Azure image](#)

[Cloud Hosting image](#)

[Security image](#)

Thanks for him
your time!

