
MAIL SERVER REPORT

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How to Run Application

- At first you must open spring boot application and run it- open the Vue project using vs code and run it using “npm run serve” and open the link

Design Patterns Applied

1-Singleton Pattern.

2-Facade Pattern.

3-Strategy Pattern.

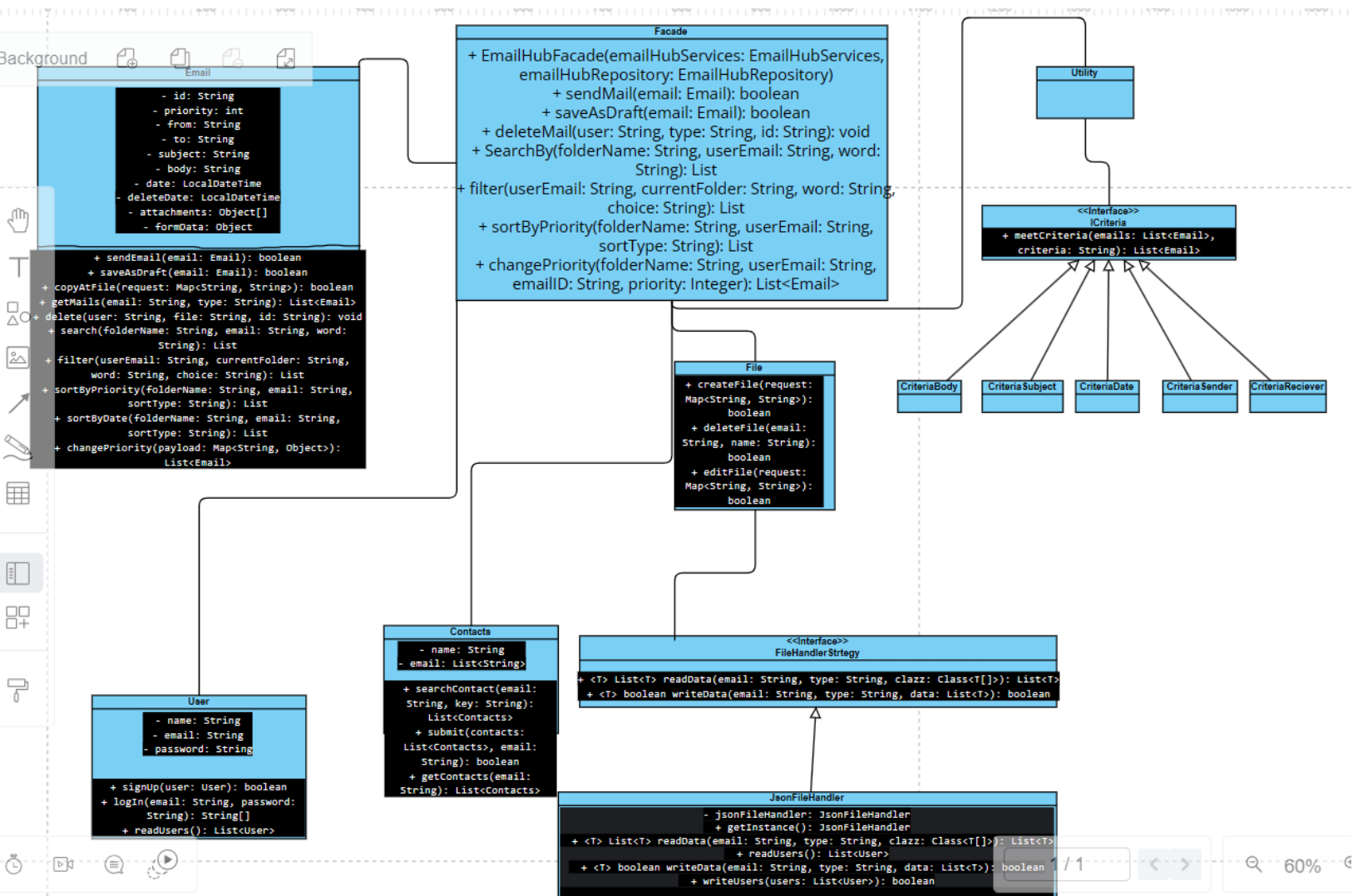
4-Filter Pattern.

5-Repository Pattern.

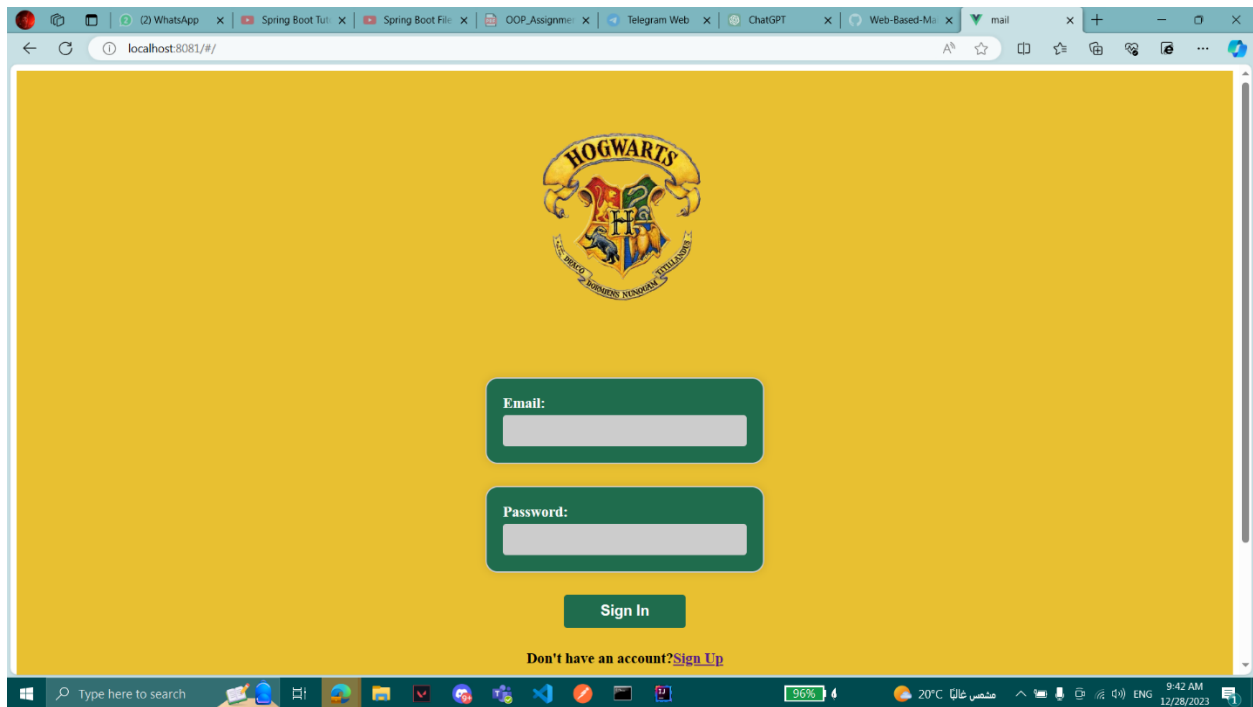
Design Decisions

- 1- Singleton Pattern: Ensures a class has only one instance and provides a global point to this instance.
- 2- Facade Pattern :Provides a simplified interface to a set of interfaces in a subsystem, making it easier to use.
- 3- Strategy Pattern: Defines a family of algorithms, encapsulates each one, and makes them interchangeable. Strategy lets the algorithm vary independently from clients that use it.
- 4- Filter Patter: Allows you to filter a set of objects based on certain criteria.
- 5- Repository Pattern: Mediates between the domain and data mapping layers, acting like an in-memory collection of domain objects.
- 6- Auto delete is supported


Class Diagram



Sample Runs



localhost:8081/#/

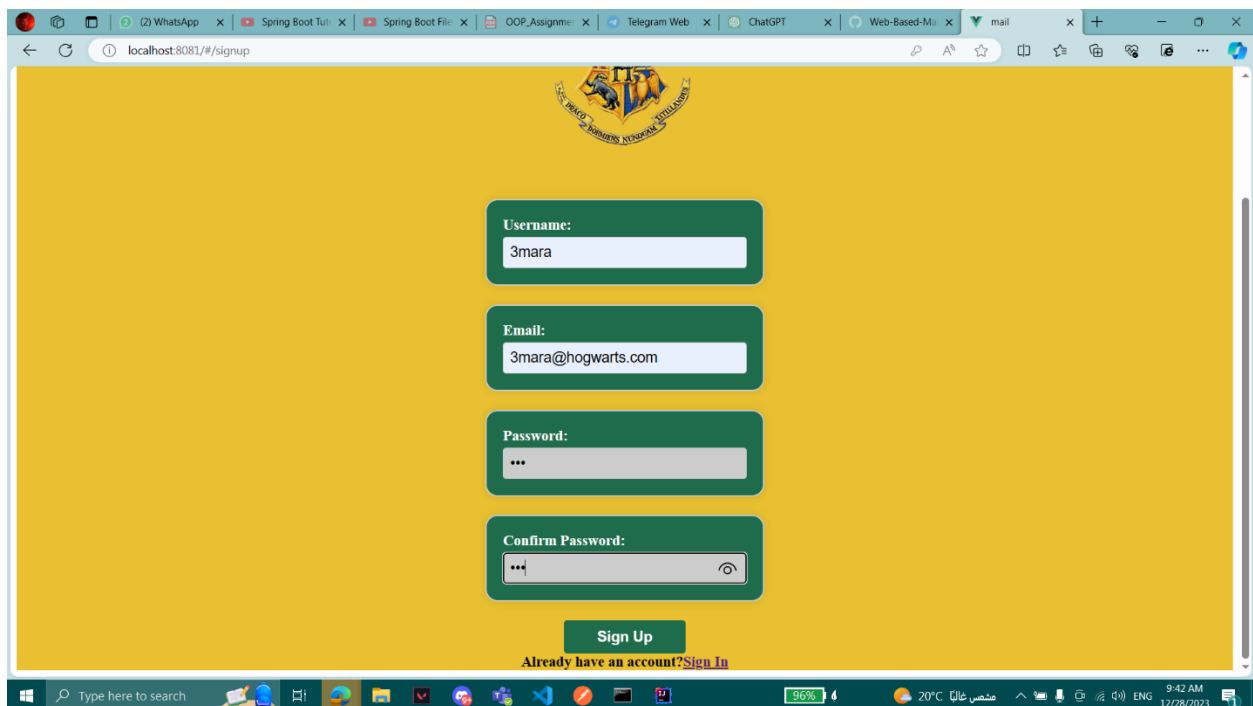


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localhost:8081/#/signup



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Confirm Password:

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