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HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

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News Aggregator

Object-Oriented Programming
PhD Trinh Tuan Dat

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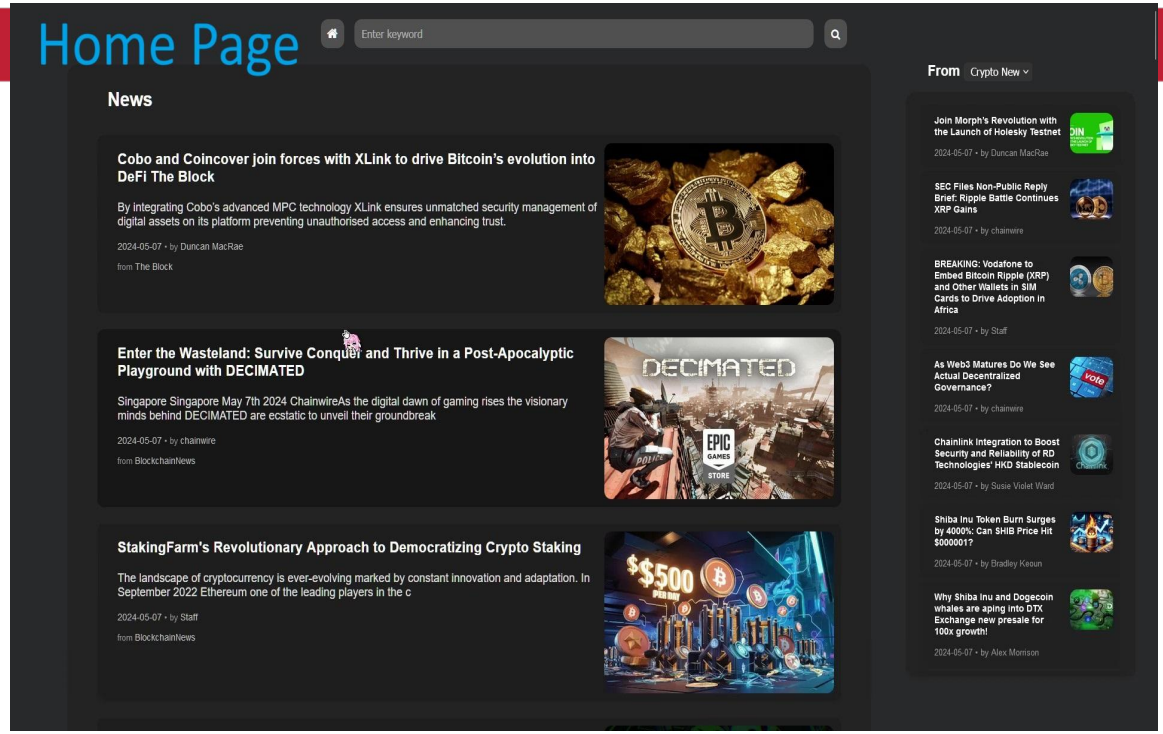
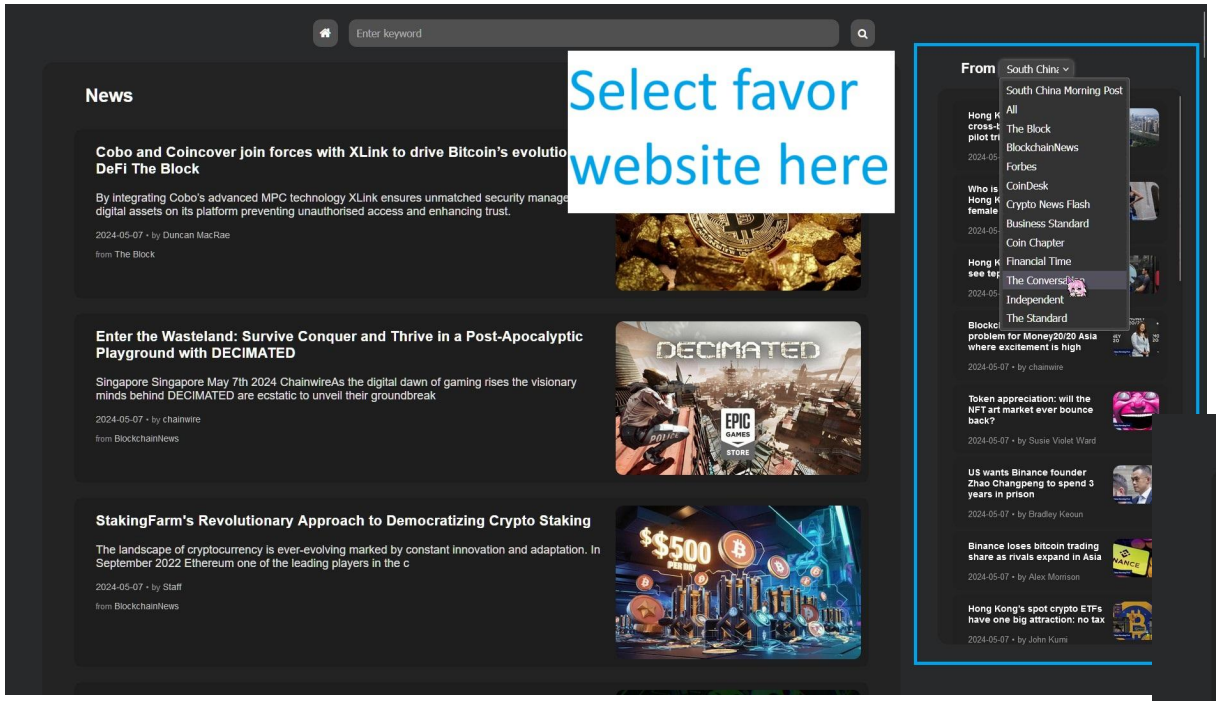
Demo

Installing

1. Clone the repository https://github.com/for-Ely/Spring-boot-base-news-agg-web-app
2. Navigate to the project directory
3. Run mvnw spring-boot:run to start the Spring Boot application
4. Run python Flask.py to start the Python part
5. You can then access the application in your browser by navigating to http://localhost:8080/home



Demo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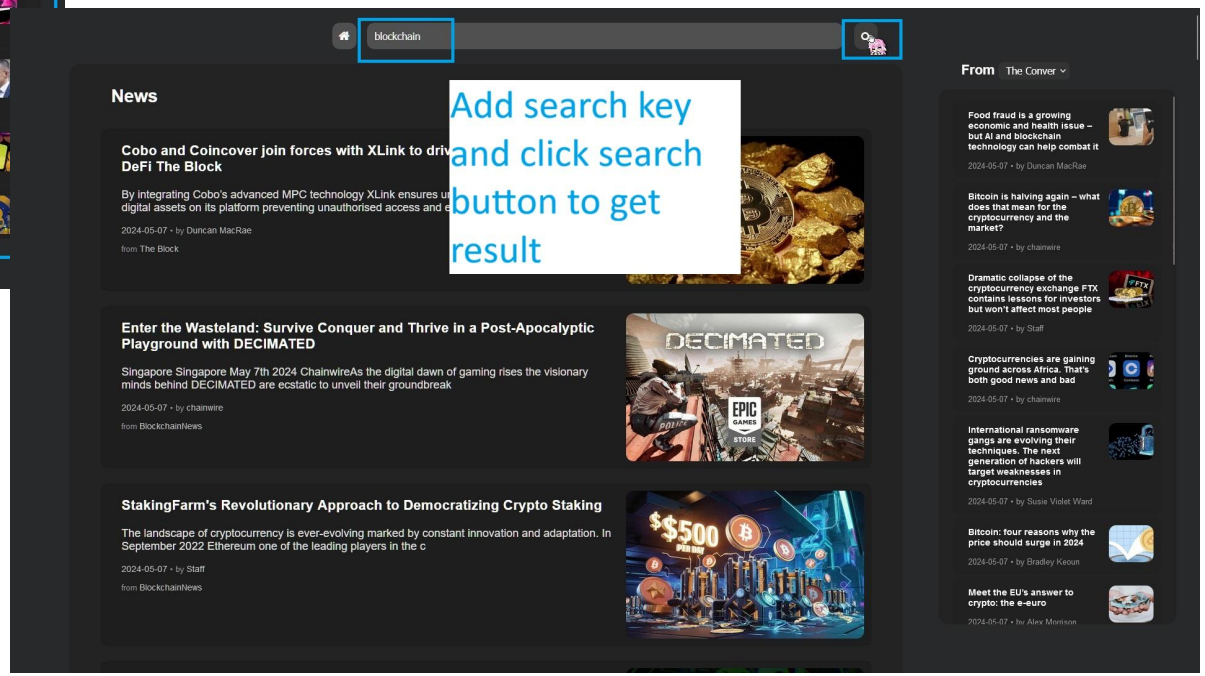
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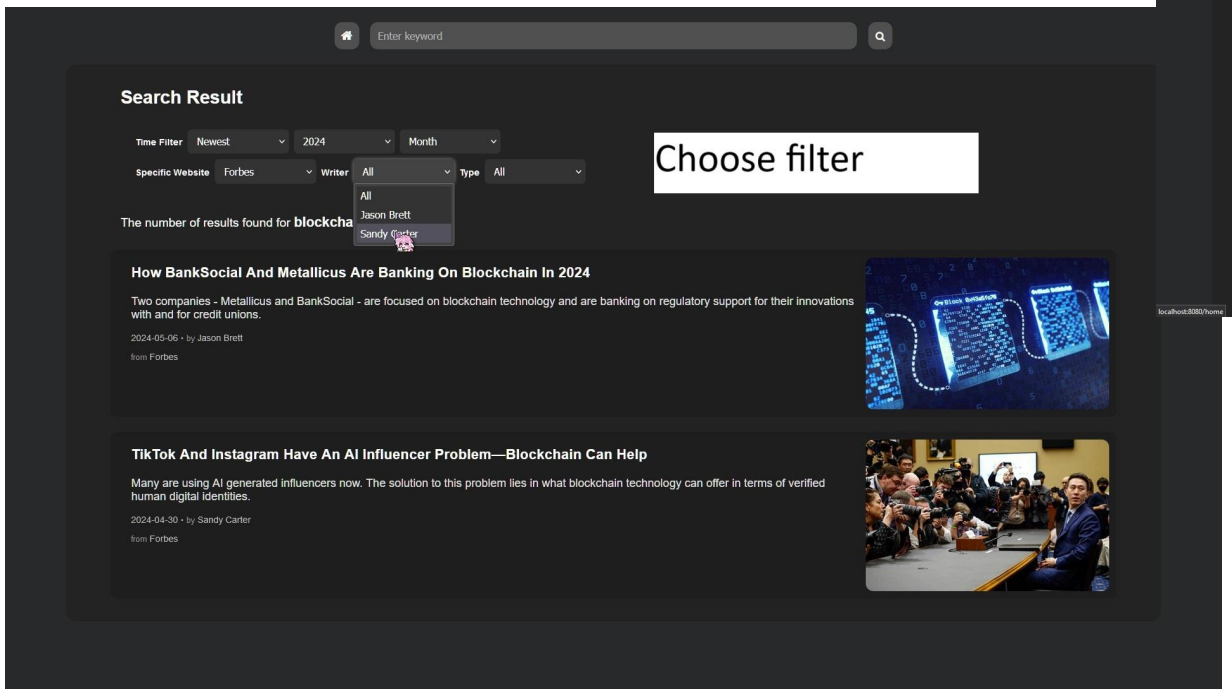
Demo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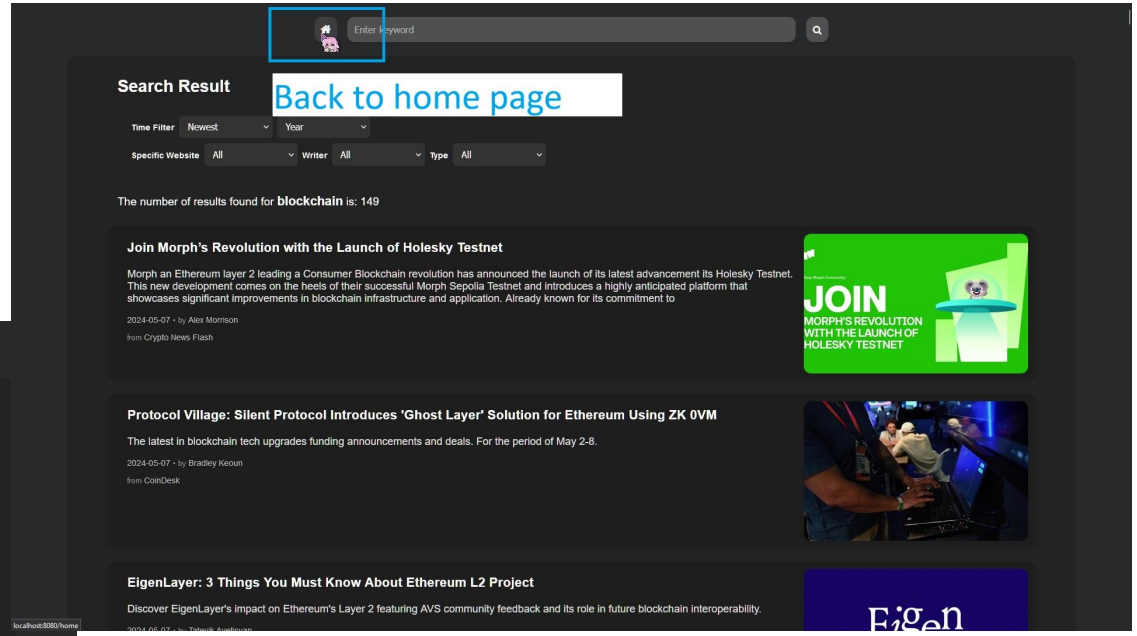
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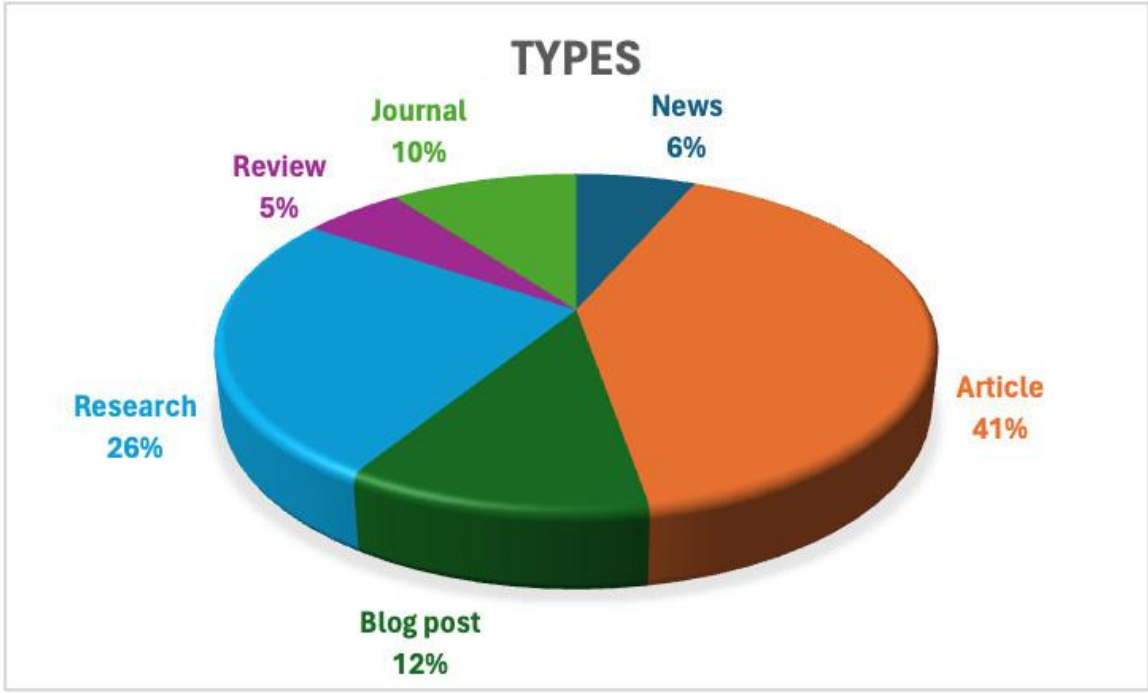
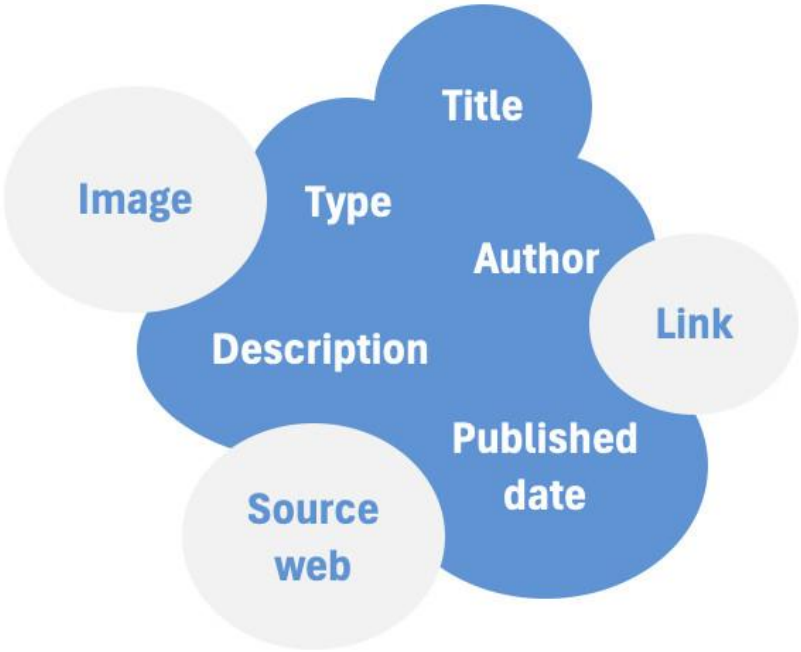
EigenLayer: 3 Things You Must Know About Ethereum L2 Project
Discover EigenLayer's impact on Ethereum's Layer 2 featuring AVS community feedback and its role in future blockchain interoperability.

Data Statistic

- **Total:** 1500+
- **Soure:**
  - Newspaper
  - Blogs
  - Researches
  - Magazines



Data Statistic



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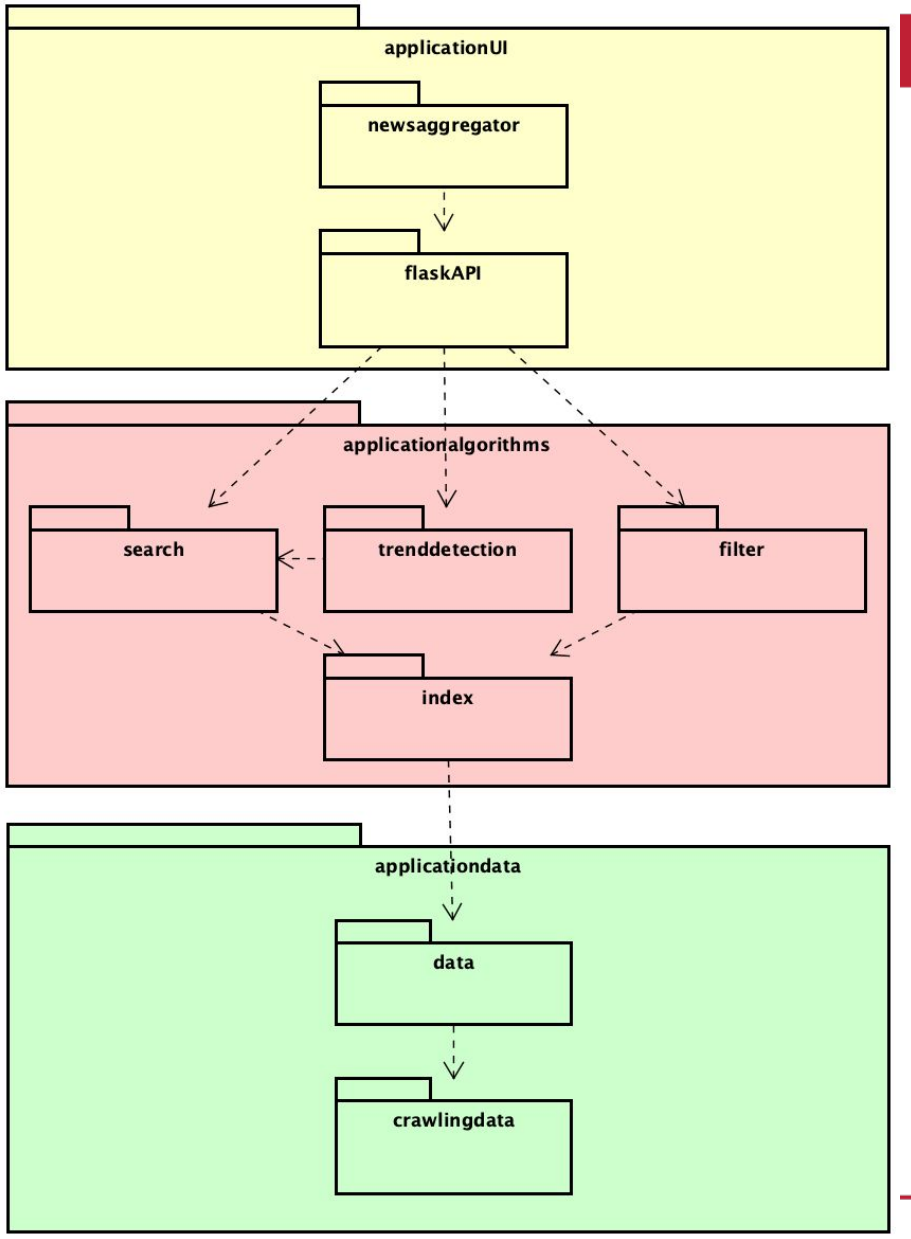
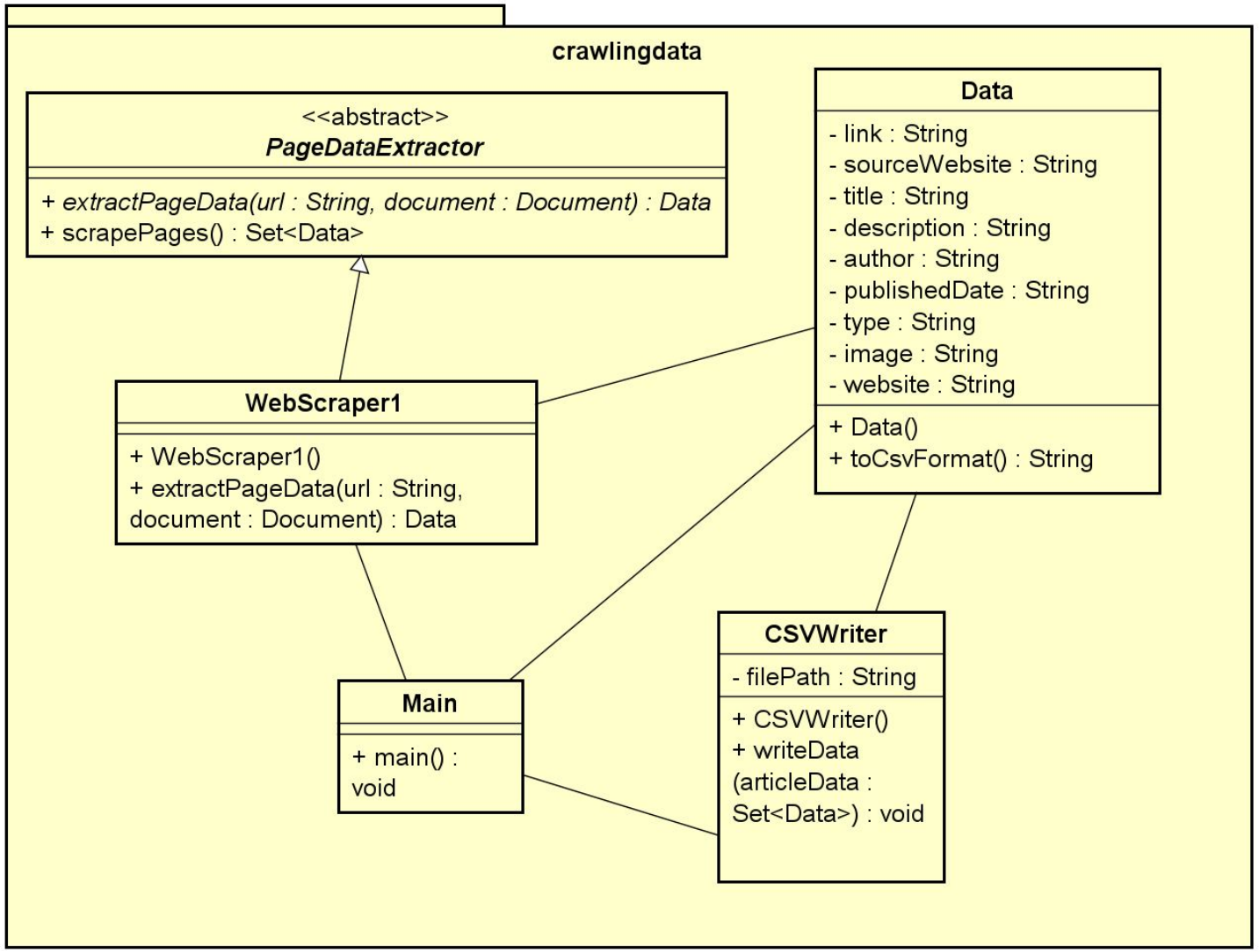
Package dependency diagram

Package and their Dependencies

- applicationUI: 2 subpackages.
- applicationalgorithms: 4 subpackages.
- applicationdata: 2 subpackage.



Data Collecting



- **Object-Oriented Programming Techniques Applied:**
  - + Inheritance
  - + Abstraction
  - + Encapsulation
  - + Polymorphism
  - + Exception Handling
  - + Modularity
- **Technology used:**
  - + Jsoup

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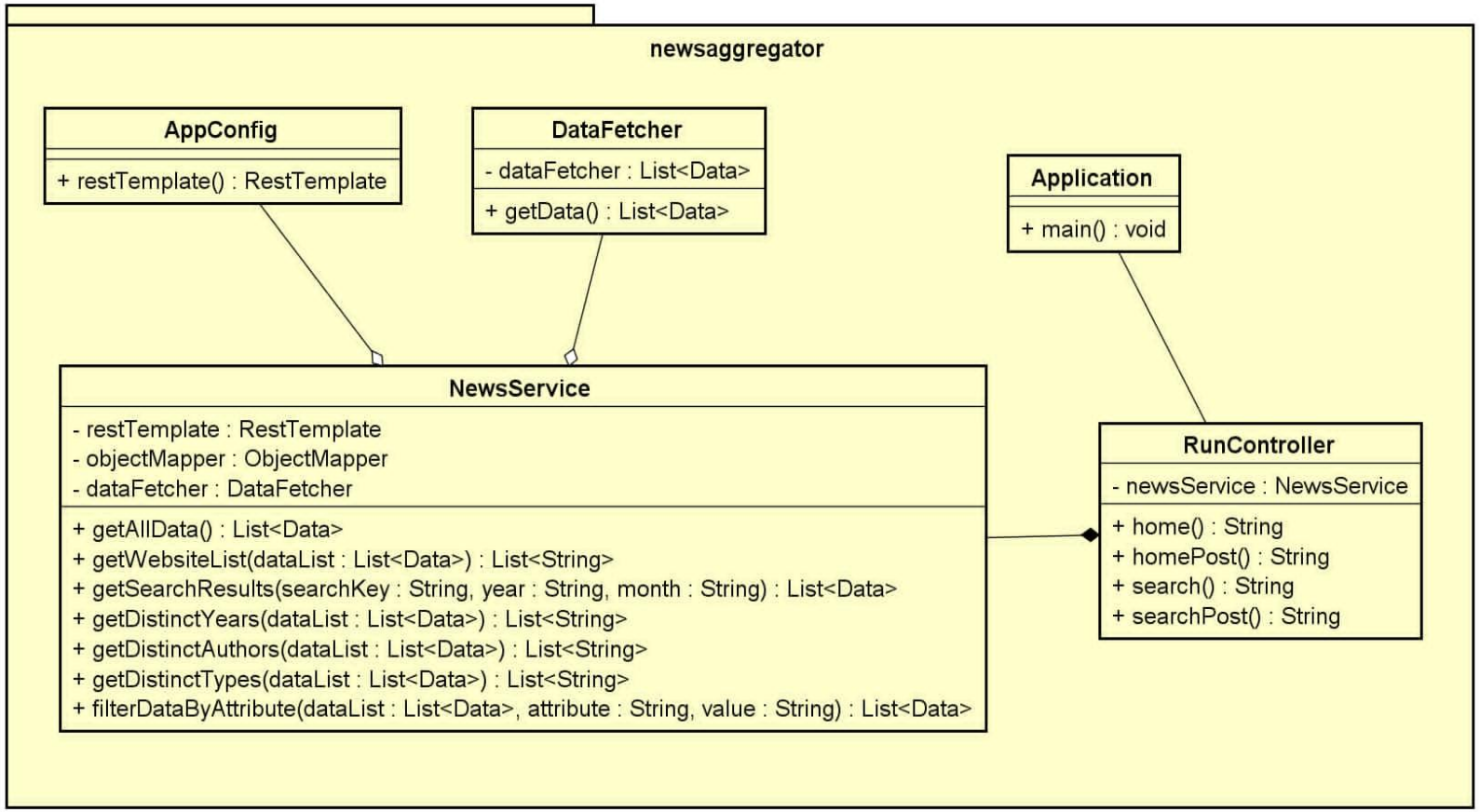
Algorithms

- Processing
- Indexing
- Ranking
- Searching
- Filtering
- Trend Detection

Website

- **Object-Oriented Programming Techniques Applied:**
  - + Inheritance
  - + Encapsulation
  - + Composition
  - + Data Hiding
- **Technology used:**
  - + Spring Boot
  - + Maven
  - + Flask
  - + Notable algorithm



Source code

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