Newspaper Management System

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Newspaper But Worse

- Newspaper Management System
  - Reader
    - Can read articles and post comments
  - Author
    - Can post, edit, and delete articles
  - Admin
    - Can add, edit, and delete users

Technologies used

- Written in Java using Spring, Maven, Eclipse
    - Spring Boot setup
    - Pom file, dependencies
- Database usage
    - MySQL database migrations managed by Flyway
- Security
    - Server-side validation + checks
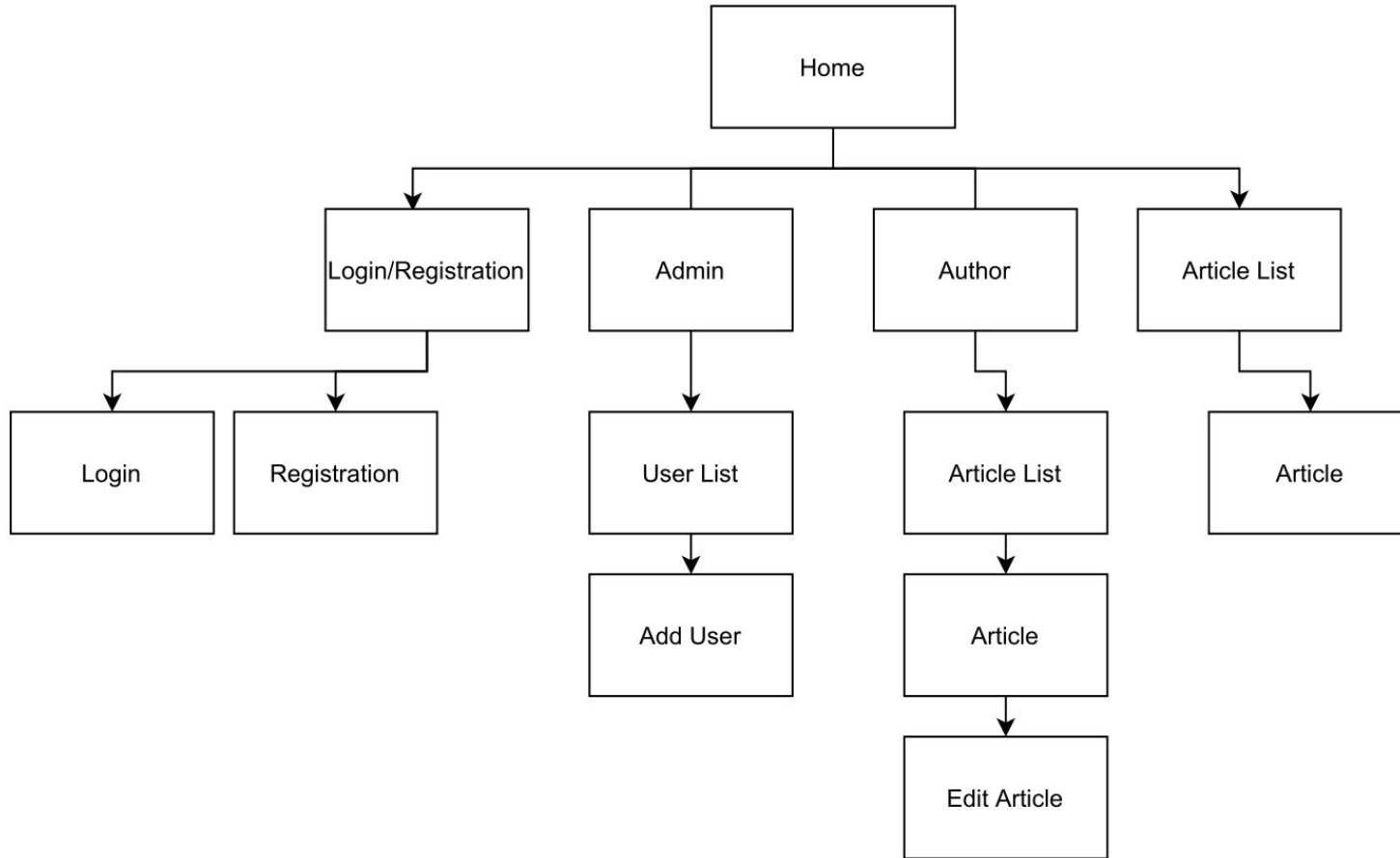   - Spring Security
    - JWT Cookie
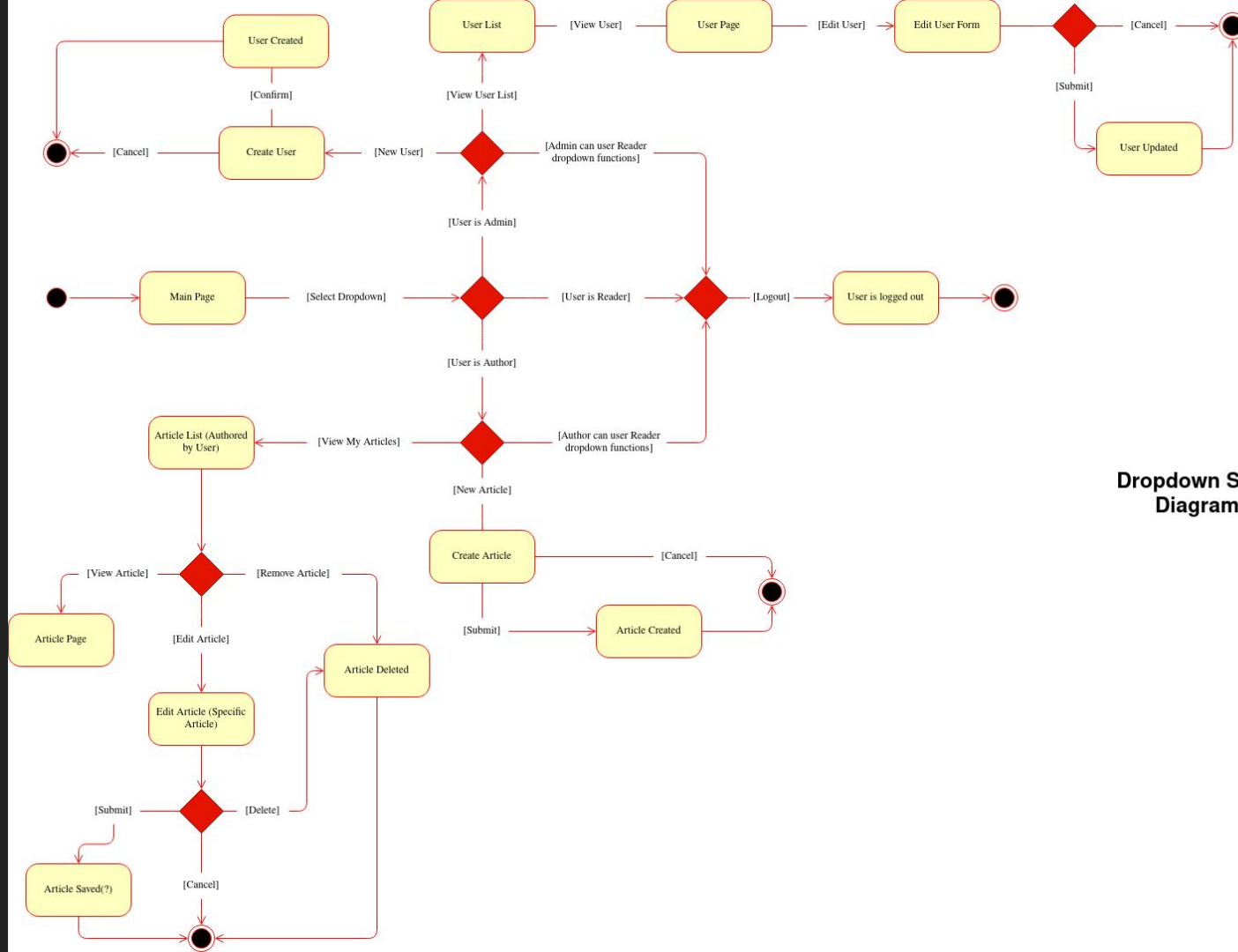- Docker

Project Structure

- User Package
  - User, Role, Permission
- Post Package
  - Article
  - Comment

RESTful API

- Allowed services for users
  - GET
  - POST
  - DELETE

Sitemap

```
                              Home
                                |
        +-----------+-----------+-----------+
        |           |           |           |
Login/Registration Admin      Author    Article List
        |           |           |           |
   +----+----+      |           |           |
   |         |      |           |           |
 Login  Registration User List  Article List  Article
                     |           |
                  Add User     Article
                                 |
                             Edit Article
```

Dropdown State Diagram

Final Product Demo