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### S2

### Project Details

#### ****Service URLs****

* **Admin UI**  
  <http://localhost:8080/authentication-1.0-SNAPSHOT/admin/dashboard.html>
* **Customer Portal**  
  <http://localhost:8280/customer-service-1.0-SNAPSHOT/customer/index.html>
* **Seller Portal**  
  <http://localhost:8180/seller-service-1.0-SNAPSHOT/seller/index.html>

#### ****Project Structure****

* The **authentication** module serves as the admin service.
* It contains two sub-projects:
  + seller-service
  + customer-service

#### ****Environment Info****

* **Java Version**
* java version "21.0.7" 2025-04-15 LTS
* Java(TM) SE Runtime Environment (build 21.0.7+8-LTS-245)
* Java HotSpot(TM) 64-Bit Server VM (build 21.0.7+8-LTS-245, mixed mode, sharing)
* **Maven Version**
* Apache Maven 3.9.9 (8e8579a9e76f7d015ee5ec7bfcdc97d260186937)

#### ****GitHub Repository****

* [DS-A2 Repository](https://github.com/Itsyehia/DS-A2.git)
* https://github.com/Itsyehia/DS-A2  
  Request access: contact me via email: [yehiashaikhoun2002@gmail.com](mailto:yehiashaikhoun2002@gmail.com) or wp 01203994663.

#### ****Notes****

* The **MongoDB** database runs on the default port (27017).
* **RabbitMQ** is used for messaging. Run it using:
* docker run -it --rm --name rabbitmq -p 5672:5672 -p 15672:15672 rabbitmq:4.0-management
* You can view **RabbitMQ logs** directly in the terminal.
* All functionality is accessible via the UI **except admin registration**, which should be done using **Postman**.
* A Postman collection is attached for API testing.
* A mongo Collection is attached for importing the sample test data

#### ****Build Instructions****

You need to run Maven build commands in each module separately:

authentication\seller-service> mvn clean package

authentication\customer-service> mvn clean package

authentication> mvn clean package

#### ⚙****Additional Setup****

* Install **WildFly 36 (JBoss)** to run the services:  
  🔗 [Download WildFly](https://www.wildfly.org/downloads/)
* Add the following **RabbitMQ library JARs** to the classpath:
  + slf4j-api-1.7.36.jar
  + slf4j-simple-1.7.36.jar
  + amqp-client-5.16.0.jar
* Configure the jboss server settings according to the provided screenshots.

