

Name

Online Shopping API

Description

API Features:

1. User is able to sign up by providing username, email, password, birthdate, gender, mobile number and address.
2. User can choose their type (Shop owner, Normal).
3. User is able to login into the online market by providing username/email and password.
4. API provide authorization and authentication.

Main components and used libraries:

1. The coding language used is java.
2. The project management tool used is Maven.
3. The framework used is spring boot.
4. JDBC library (for further reading: <https://www.javatpoint.com/java-jdbc>).
5. The relational database used is MySQL.

Badges

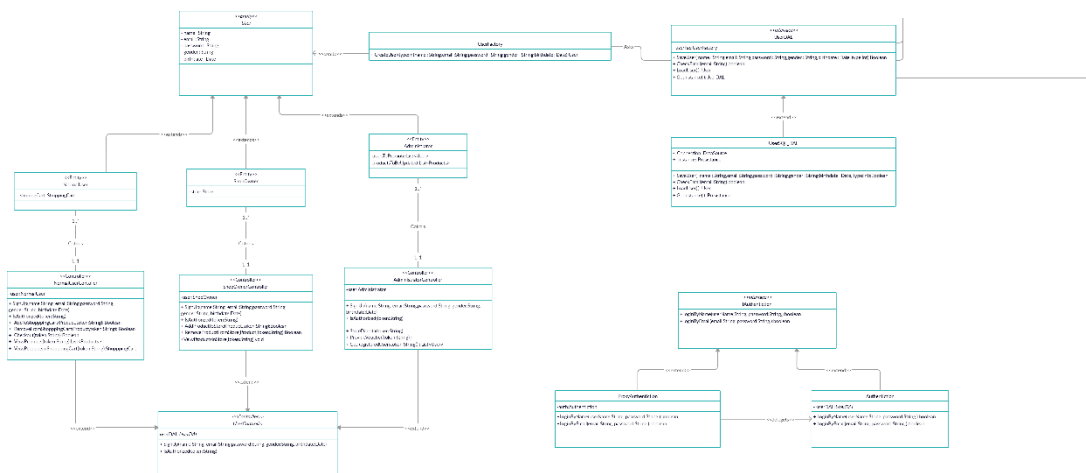


Figure 1 Class Diagram

store

Column	Type	Null	Default	Comments
STORE_ID (Primary)	int(11)	No		
USERID	int(11)	No		
STORE_NAME	varchar(50)	No		

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	STORE_ID	0	A	No	
FK_OWN	BTREE	No	No	USERID	0	A	No	

user_

Column	Type	Null	Default	Comments
USERID (Primary)	int(11)	No		
USER_TYPE	int(11)	No		
USER_NAME	varchar(100)	No		
BDATE	date	No		
USER_PASSWORD	varchar(100)	No		
GENDER	varchar(7)	No		
MOBILE_NUM	varchar(15)	No		
Address	varchar(100)	No		
EMAIL	varchar(100)	No		
token	varchar(255)	Yes	NULL	
expire_date	datetime	Yes	NULL	

Indexes

Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
PRIMARY	BTREE	Yes	No	USERID	0	A	No	
EMAIL	BTREE	Yes	No	EMAIL	0	A	No	
USER_NAME	BTREE	Yes	No	USER_NAME	0	A	No	
FK_IS	BTREE	No	No	USER_TYPE	0	A	No	

user_type

Column	Type	Null	Default	Comments
TYPE_ID (Primary)	int(11)	No		
USER_TYPE	varchar(20)	No		

Figure 2 Database tables

Visuals and Usages

1. Log in by name

URL: [http:// localhost:8081/LoginByName/name/password](http://localhost:8081/LoginByName/name/password)

input: User name and their password

Output: A token which the user will use to navigate the site.



2. Log in by Email

URL: [http:// localhost:8081/LoginByEmail/email/password](http://localhost:8081/LoginByEmail/email/password)

input: User email and their password

Output: A token which the user will use to navigate the site.

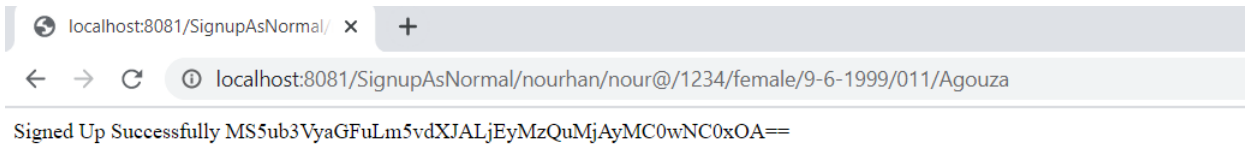


3. Sign Up as Normal User

URL: <http://localhost:8081/SignupAsNormal/Name/Email/Password/Gender/Birthdate/Mobilenum/Address>

input: Name, Email, Password, Gender, Birthdate, Mobile num, Address

Output: A token which the user will use to navigate the site.

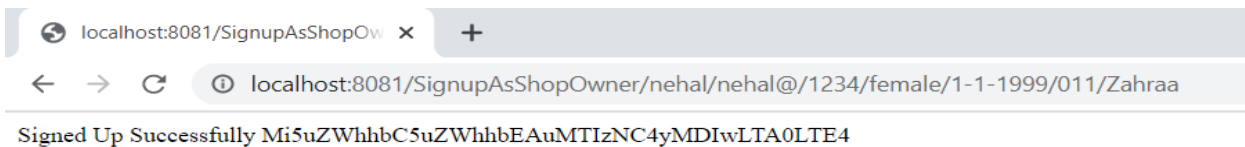


4. Sign Up as Shop owner

URL: <http://localhost:8081/SignupAsShopOwner/Name/Email/Password/Gender/Birthdate/Mobilenum/Address>

input: Name, Email, Password, Gender, Birthdate, Mobile num, Address

Output: A token which the user will use to navigate the site.

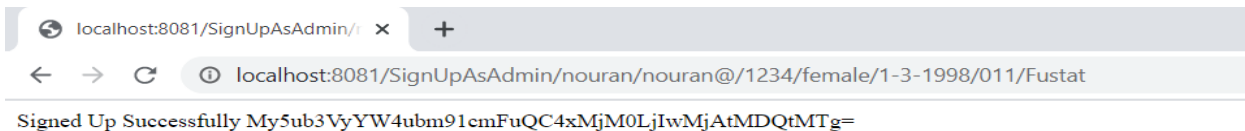


5. Sign Up as Administrator

URL: <http://localhost:8081/SignUpAsAdmin/Name/Email/Password/Gender/Birthdate/Mobilenum/Address>

input: Name, Email, Password, Gender, Birthdate, Mobile num, Address

Output: A token which the user will use to navigate the site.



6. Get Registered Users

URL: <http://localhost:8081/GetRegisteredUsers/token>

input: Administrator token

Output: List of all Registered users.

```
localhost:8081/GetRegisteredUs: x +
localhost:8081/GetRegisteredUsers/My5ub3VyYw4ubm91cmFuQC4xMjM0LjIwMjAtMDQtMTg=
[{"name":"mira","date":"0006-06-22","password":"1234","email":"mira","gender":"f","mobilello":"12","address":"sdfghj"}, {"name":"nehal","date":"0006-06-22","password":"4567","email":"nehal","gender":"f","mobilello":"12","address":"sdfghj"}, {"name":"nouran","date":"1998-03-01","password":"1234","email":"nouran@","gender":"female","mobilello":"011","address":"Fustat"}, {"name":"nourhan","date":"1999-06-09","password":"1234","email":"nourh","gender":"female","mobilello":"011","address":"Agouza"}, {"name":"nehal","date":"1999-01-01","password":"1234","email":"nehalg","gender":"female","mobilello":"011","address":"Zahraa"}]
```

Support

For support please contact the contributors at these gmails:

- Miramohamedraheem@gmail.com
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- nouran.qassem98@gmail.com

Contributing

Sadly, we are not open for external contributors yet.

Project status

The project is divided into 5 to 8 sprints so far we have implements only two so it's a work in progress.