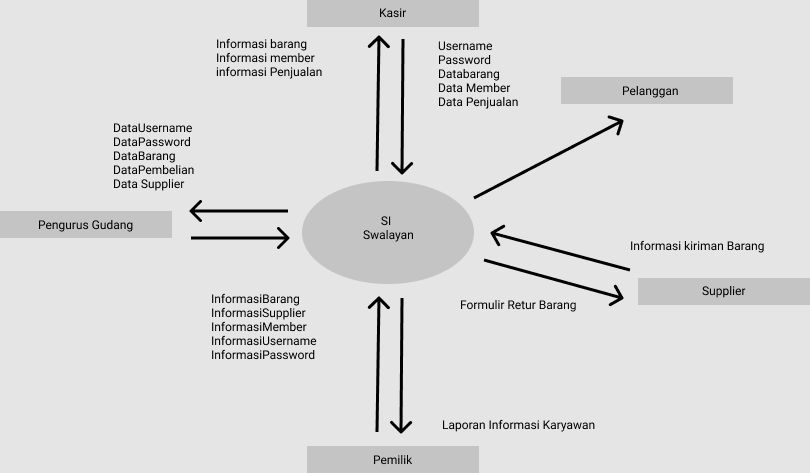
Laporan UTS Rekayasa Perangkat Lunak

| Nama Mahasiswa | Gilang F. Mubharak |
| --- | --- |
| NIM | 1700016106 |
| Kelas Perkuliahan ADSI | A |

# Use Case

| Use Case Name | Analisa perancangan sistem informasi swalayan |
| --- | --- |
| Actors | Pegawai, pelanggan, barang, supplier transaksi |
| Description | membahas tentang perancangan data dan perancangan proses dengan studi kasus Sistem Informasi Swalayan |

# Class Diagram



# Database Model

| Database Engine | Postgresql |
| --- | --- |
| Version | pgAdmin 4 |

Table Name:

| Nama | Field |
| --- | --- |
| Tabel Karyawan | * Id\_karyawan * Nama * Umur * Jenis\_kelamin * Alamat * No Hp * Foto |
| Tabel Pelanggan | * Id\_member * Nama * Jenis\_kelamin * Alamat * No Hp * Email * Point |
| Tabel Supplier | * Id\_supplier * Nama Toko * Alamat * No Telp * Email |
| Tabel Barang | * Id\_barang * Nama * Merk * Harga * Jumlah * Kualitas * Foto |
| Tabel Order Penjualan | * No\_nota * Id\_Kasir * Id\_pelanggan * Id\_barang * Tanggal\_transaksi * Jumlah\_barang * Total |
| Tabel Order Penjualan | * No\_Faktur * Id\_supplier * Id\_barang * Id\_pegawai * Tgl\_pesan * Jumlah\_barang * Total |

# Implementasi Class Diagram pada Sisi Server

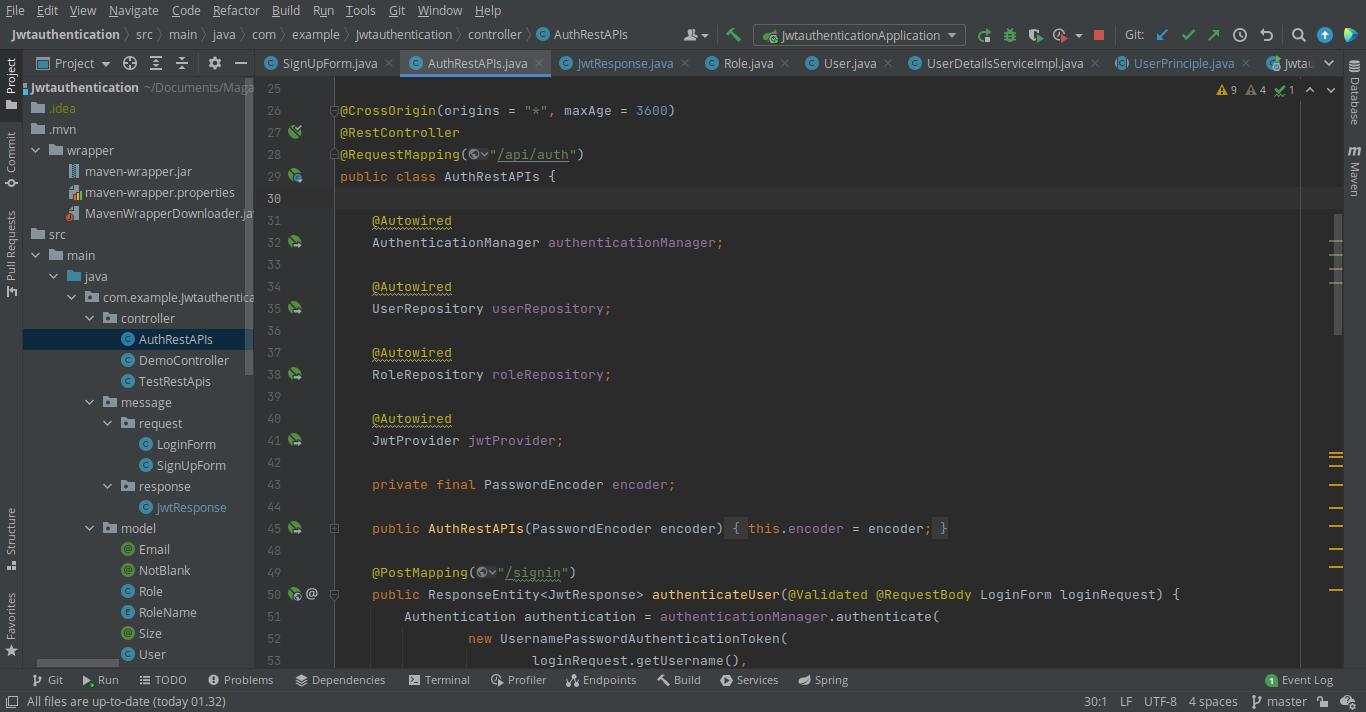
| Application Name | Sistem Informasi Supplier Swalayan |
| --- | --- |
| Programming Language | Java |

## Struktur File

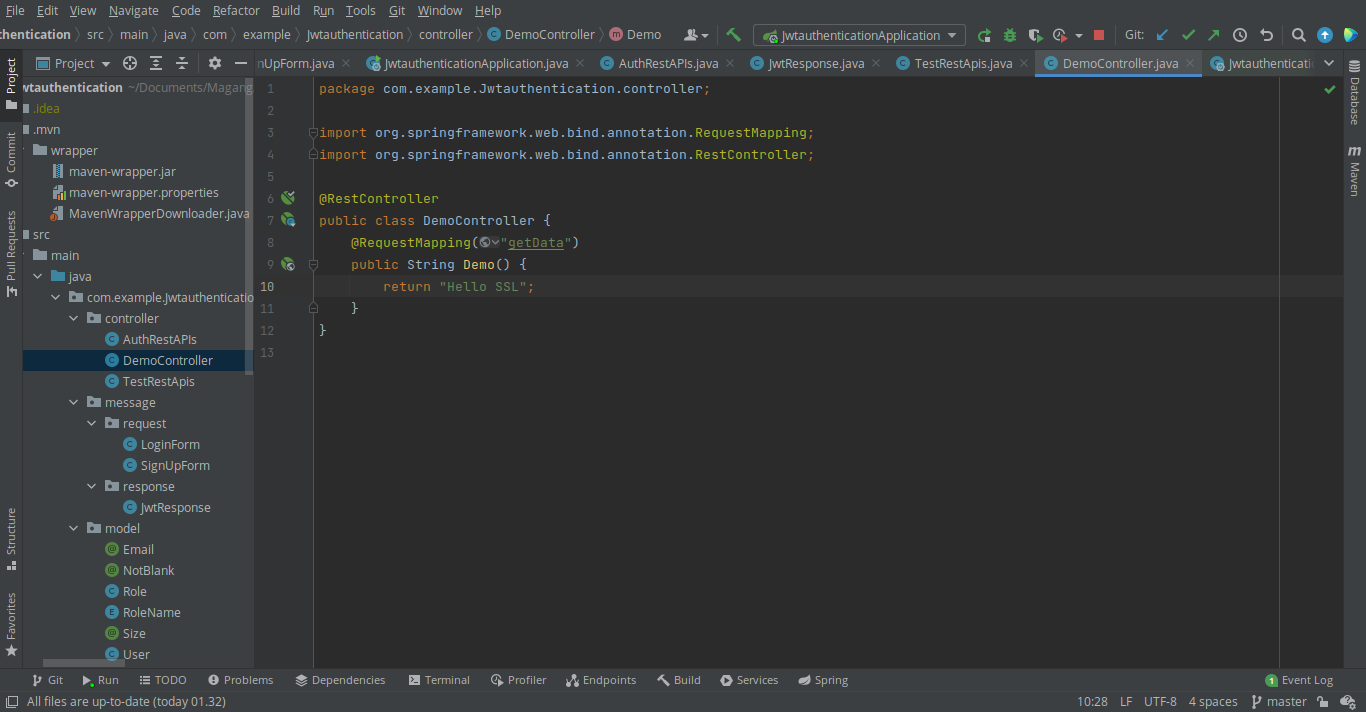
* java
* com.example.authentication
  + controller
* AuthRestAPIs
* DemoController
* TestRestAPIs
* request
* LoginForm
* SignUpForm
* response
* Response
* model
* Role
* RoleName
* User
* service
* UserService
* UserPrinciple
* AuthenticationApplication

## Kode Program

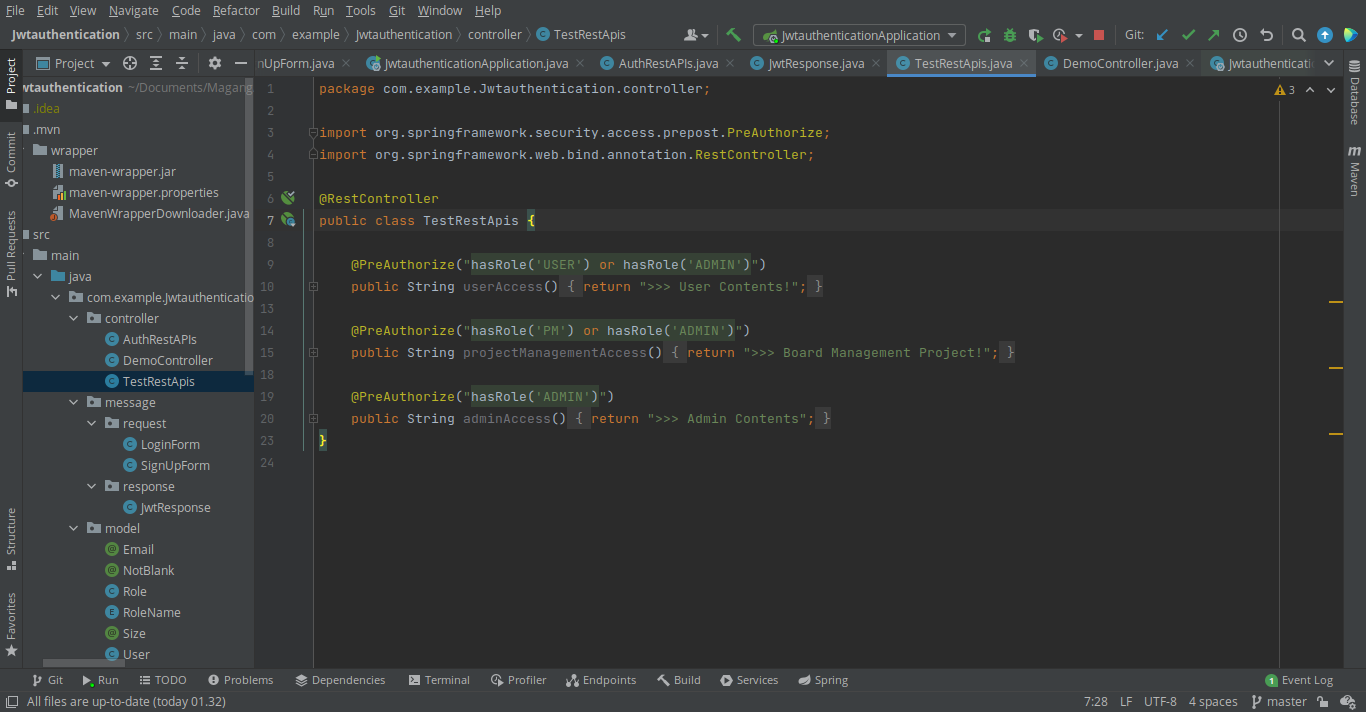
* AuthRestAPIs



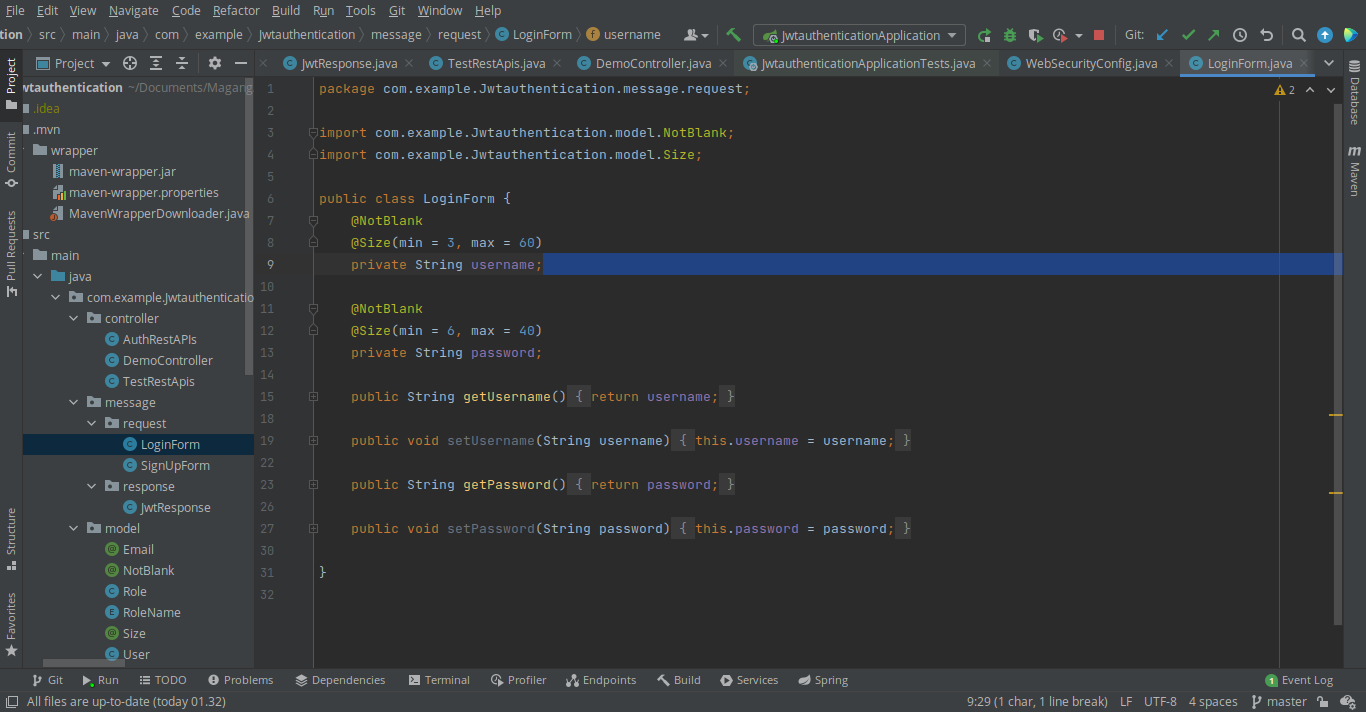
* DemoController



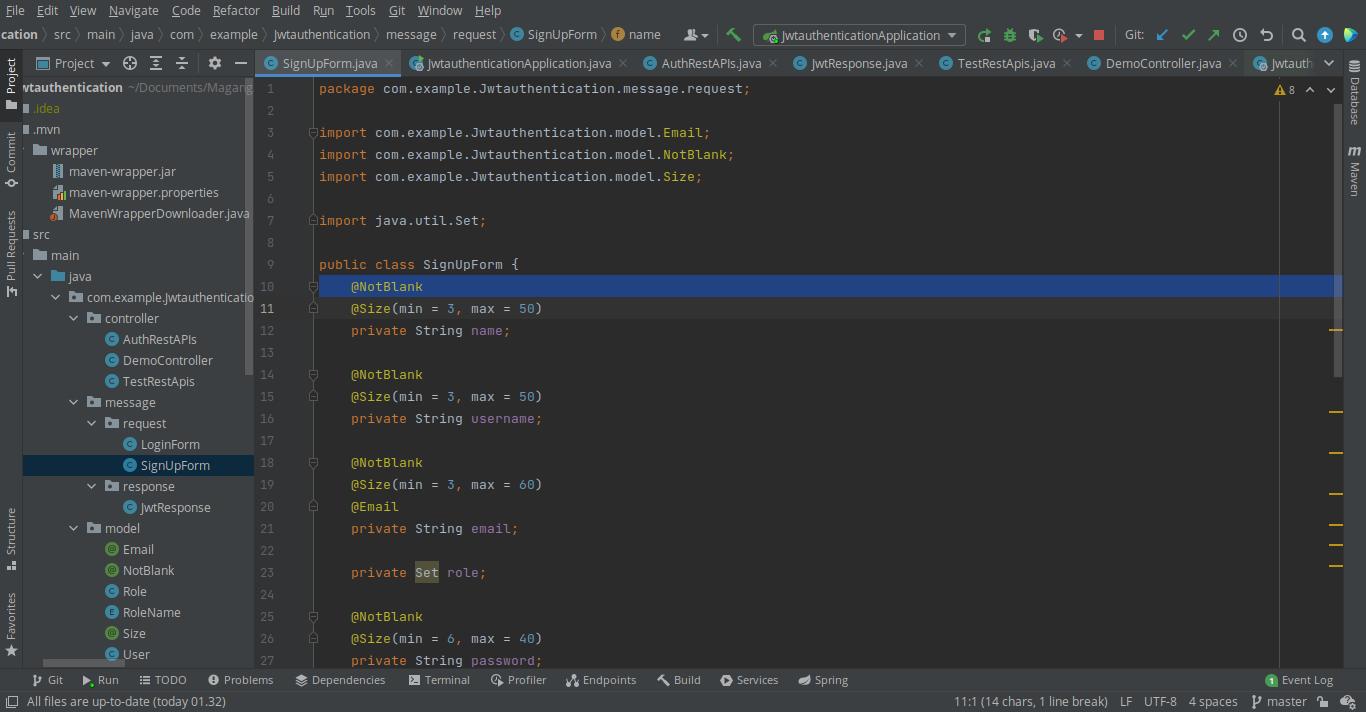
* TestRestAPIs



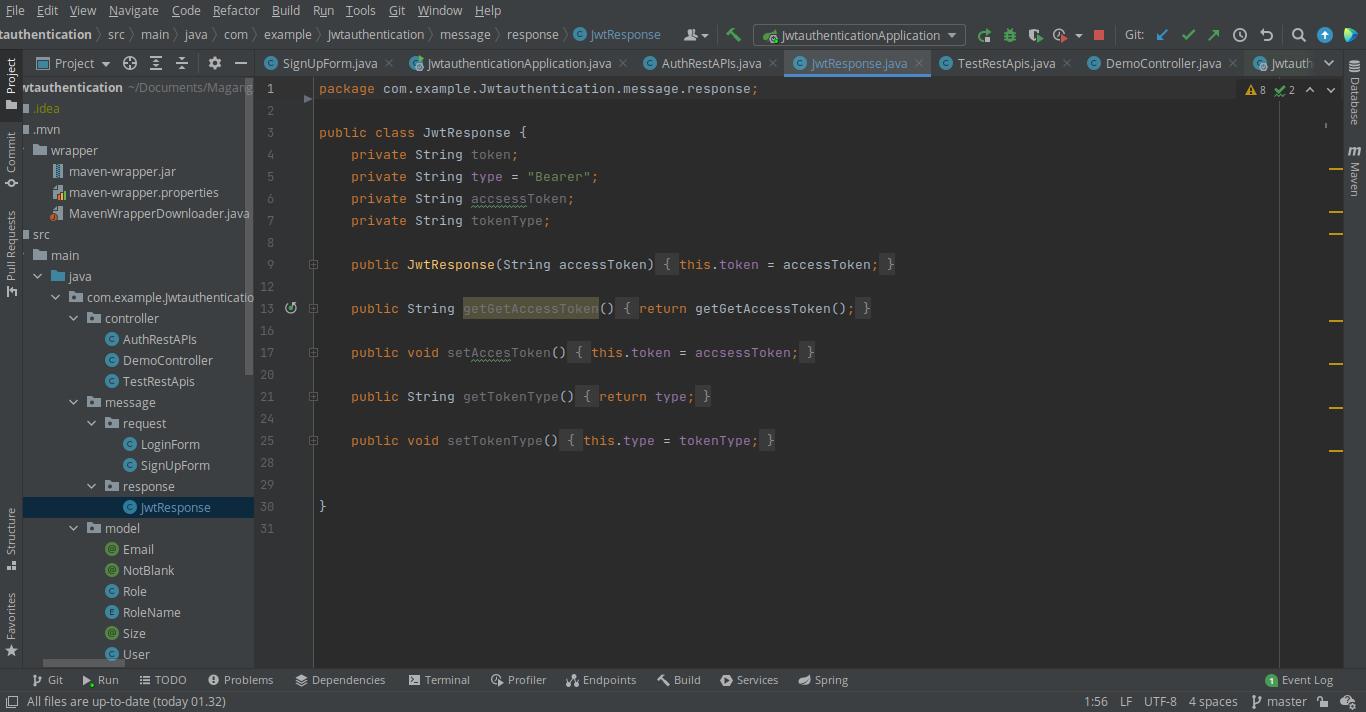
* LoginForm



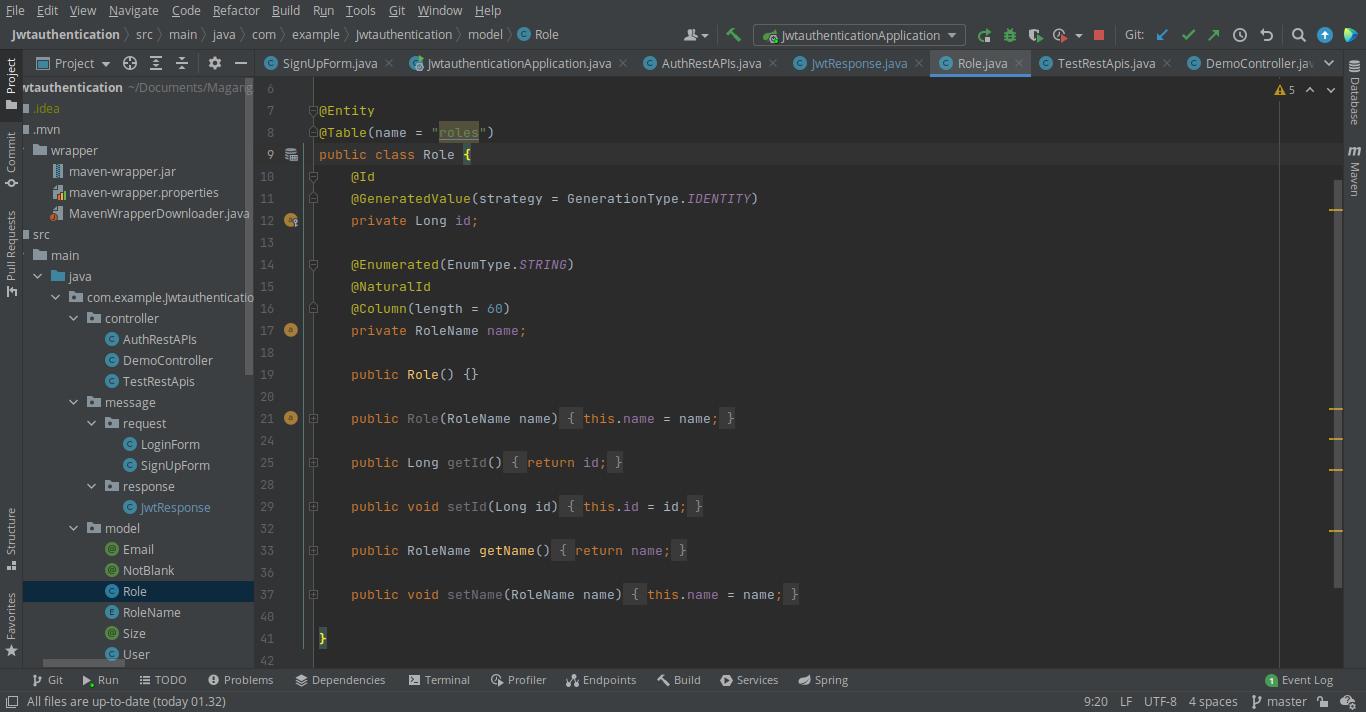
* SignUpForm



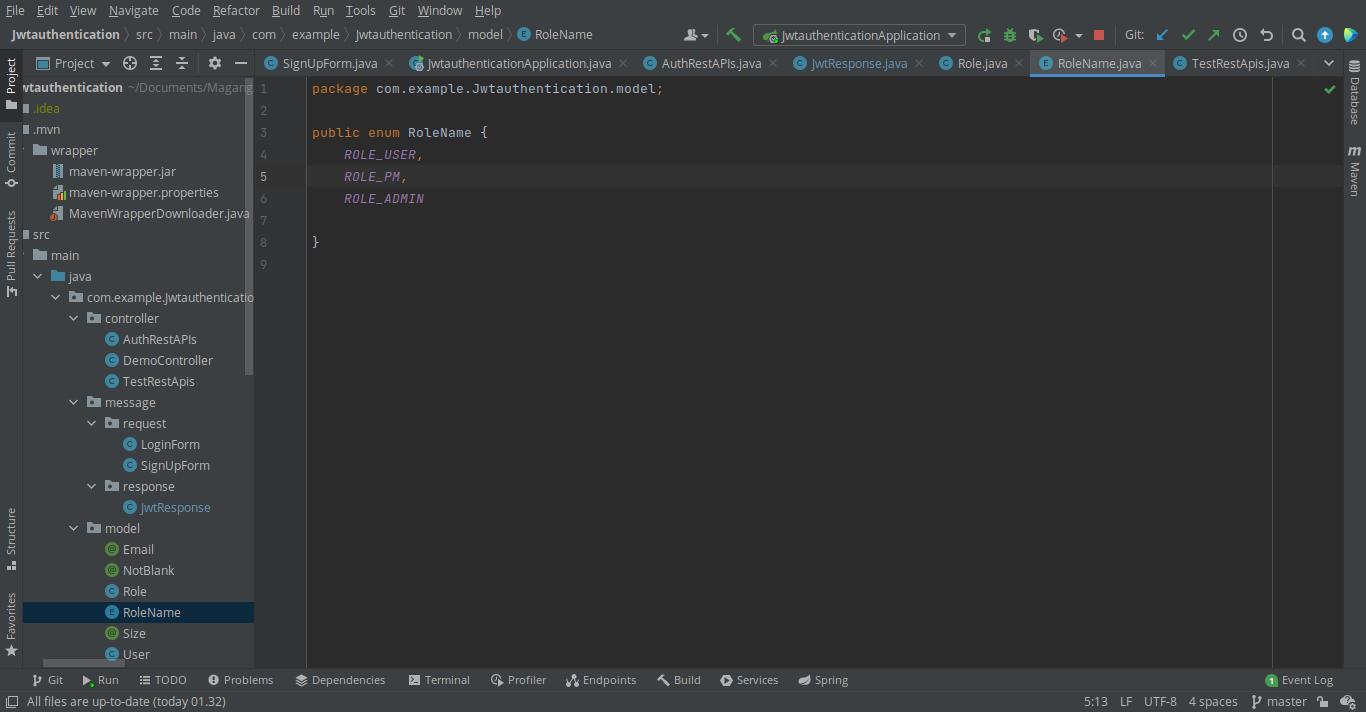
* Response



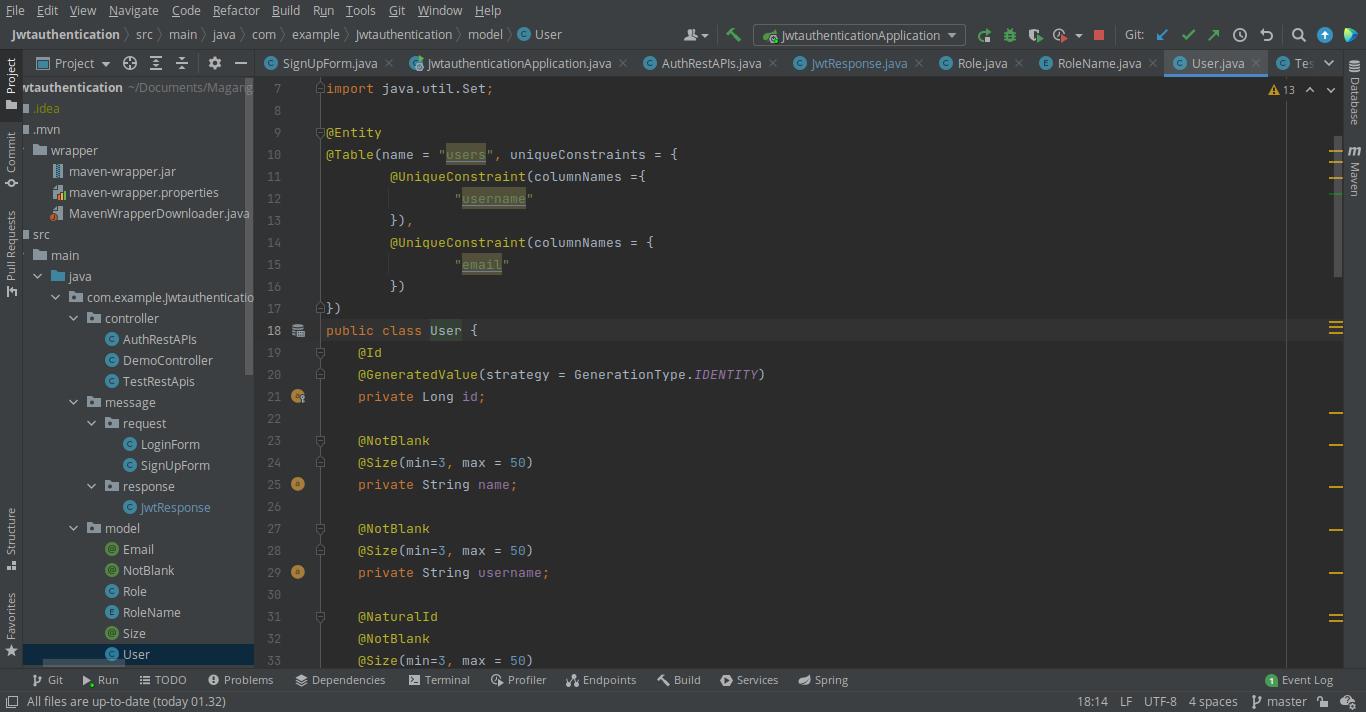
* Role



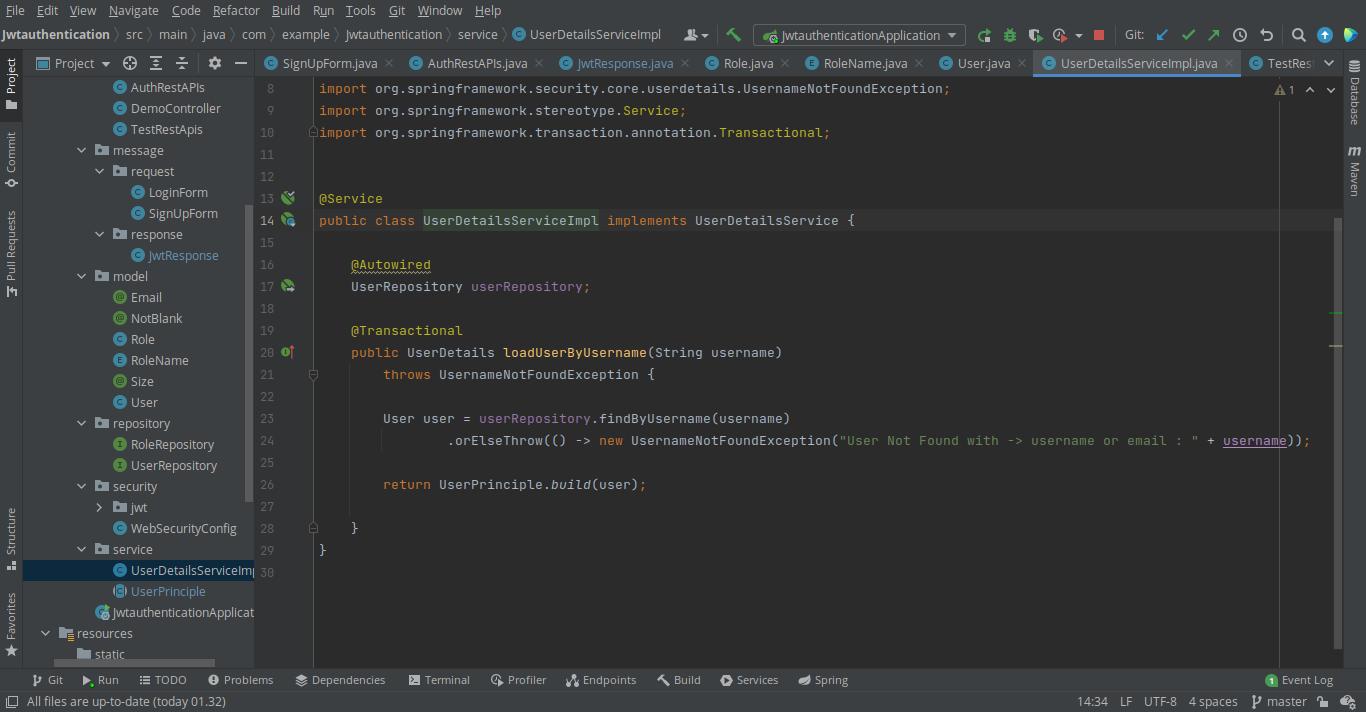
* RoleName



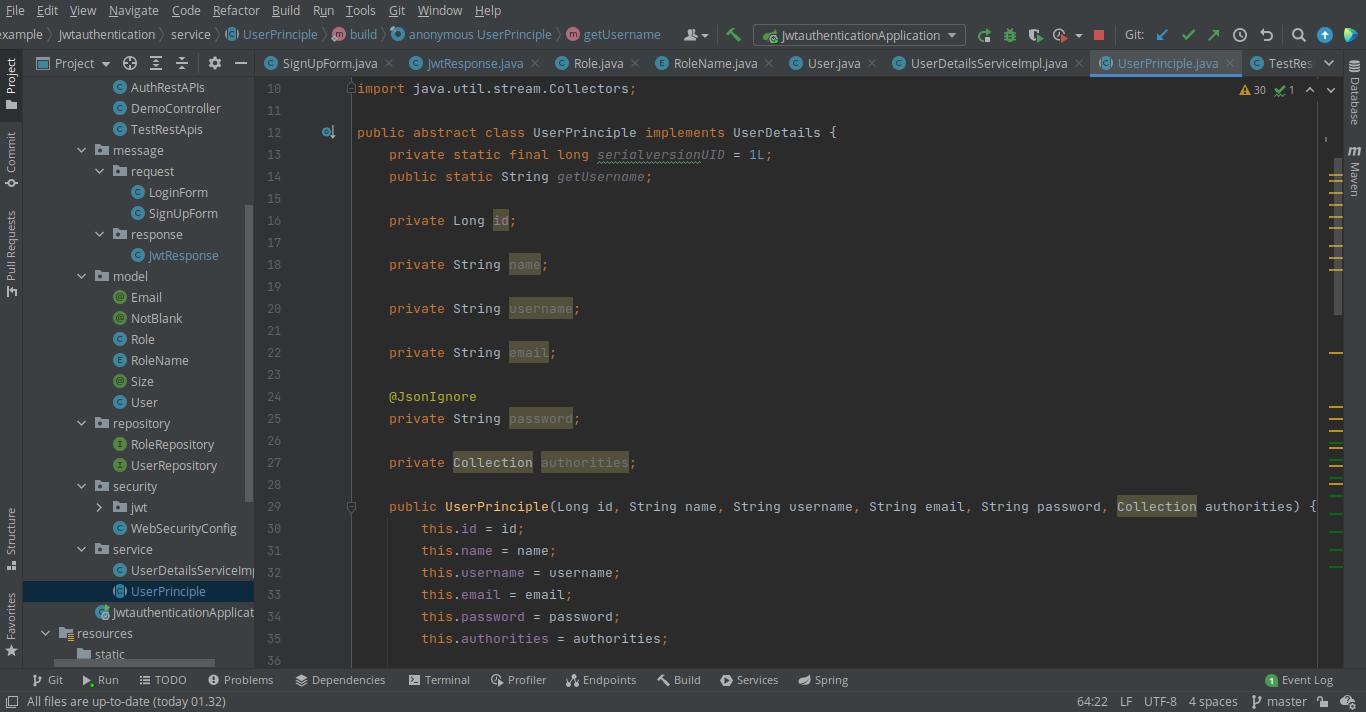
* User



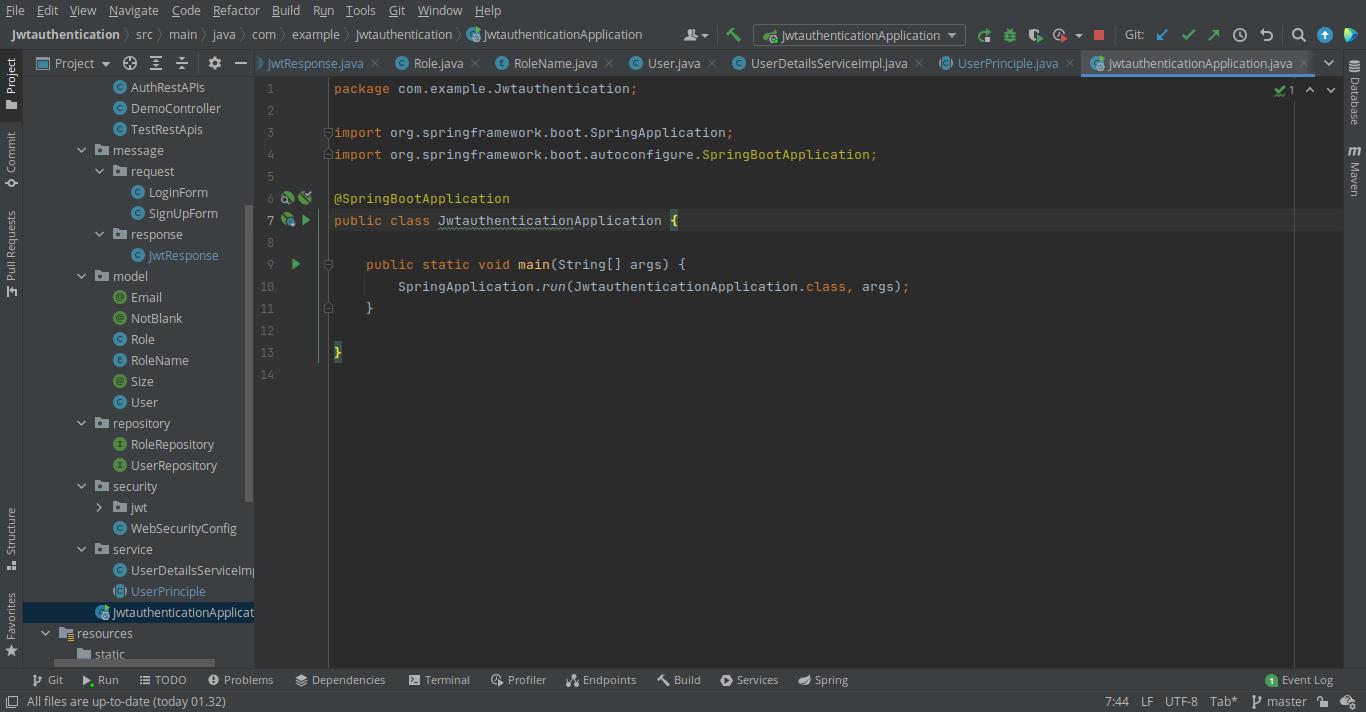
* UserService



* UserPrinciple



* AuthenticationApplication



* Dependencies

