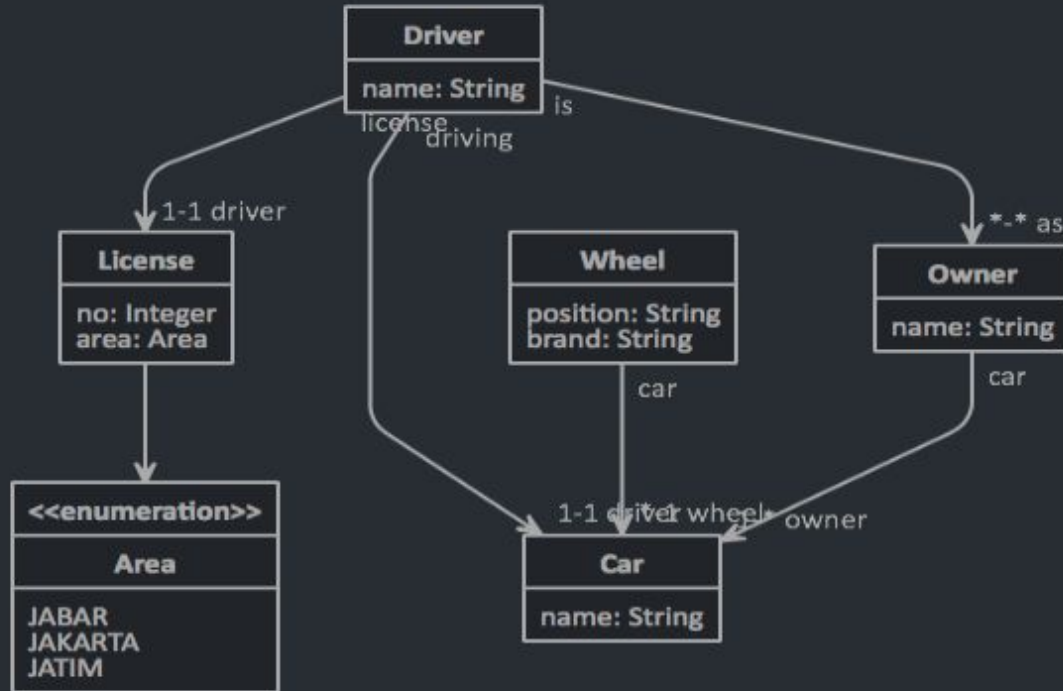# JHipster Entity Relationship Example

```
entity Driver {
        name String
}
entity Owner{
        name String,
}

entity Car {
        name String
}

entity License {
        no Integer,
        area Area,
}

entity Wheel {
        position String,
        brand String
}
```

```
relationship OneToMany {
        Owner{car} to Car{owner}
}

relationship ManyToOne {
        Wheel{car} to Car{wheel}
}

relationship OneToOne {
        Driver{license} to License{driver},
        Driver{driving} to Car{driver}
}

relationship ManyToMany {
        Driver{is} to Owner{as}
}

enum Area {
        JABAR, JAKARTA, JATIM
}
```

Cars

Cars

+ Create new Car

ID	Name	Owner

Create or edit a Car

Name

Owner

⊘ Cancel   💾 Save

```
relationship ManyToOne {
        Wheel{car} to Car{wheel}
}
relationship OneToMany {
        Owner{car} to Car{owner}
}
relationship OneToOne {
        Driver{driving} to Car{driver}
}
```

Drivers

Drivers

+ Create new Driver

ID	Name	License	Driving	Is

Create or edit a Driver

Name

License

Driving

Is

⊘ Cancel   💾 Save

```
relationship OneToOne {
        Driver{license} to License{driver},
        Driver{driving} to Car{driver}
}
relationship ManyToMany {
        Driver{is} to Owner{as}
}
```

Owner

Owners

+ Create new Owner

ID	Name

Create or edit a Owner

Name

[   ]

⊘ Cancel   💾 Save

relationship OneToMany {
        Owner{car} to Car{owner}
}
relationship ManyToMany {
        Driver{is} to Owner{as}
}

Licenses

Licenses

+ Create new License

ID	No	Area

Create or edit a License

No

Area

JABAR
JAKARTA
JATIM

```
relationship OneToOne {
        Driver{license} to License{driver},
}

enum Area {
        JABAR, JAKARTA, JATIM
}
```

Wheels

Wheels

+ Create new Wheel

ID	Position	Brand	Car

Create or edit a Wheel

Position

Brand

Car

[⊘ Cancel] [🖫 Save]

```
relationship ManyToOne {
        Wheel{car} to Car{wheel}
}
```

Owners List

Owners

+ Create new Owner

ID	Name	
1	Bhangun	⊙ View ✎ Edit ✖ Delete
2	Fulan	⊙ View ✎ Edit ✖ Delete

Car edit

Create or edit a Car

Name

Mobil Truck

Owner

✓
1
2

Cars

➕ Create new Car

ID	Name	Owner	
1	Mobil Truck	2	👁 View ✏ Edit ✖ Delete

Licenses List

Licenses

+ Create new License

ID	No	Area	
1	123456	JABAR	● View ✎ Edit ✖ Delete

Create or edit a Wheel

Position

depan

Brand

irc

Car

1

Cancel   Save

Wheels

+ Create new Wheel

ID	Position	Brand	Car	
1	depan	irc	1	View Edit Delete

Create or edit a Wheel

Position

Brand

Car

[Cancel] [Save]

http://localhost:8080/#/wheel

Wheels

[+ Create new Wheel]

ID	Position	Brand	Car			
1	depan	irc	1	[View]	[Edit]	[Delete]

relationship ManyToOne {
        Wheel{car} to Car{wheel}

}

http://localhost:8080/#/car/1/view
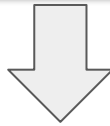
Car 1

Name
Mobil Truck

Owner
2

[← Back] [Edit]

http://localhost:8080/#/owner/2/view
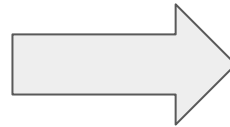
Owner 2

Name
Fulan

[← Back] [Edit]
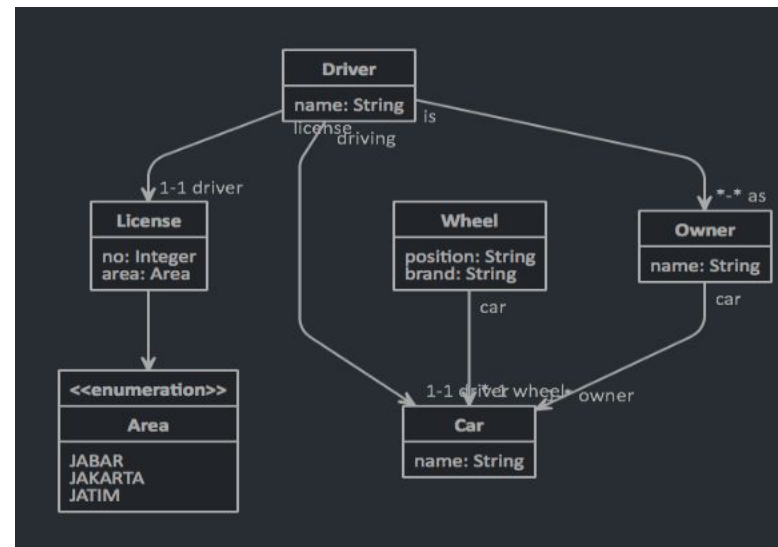
Curl

```
curl -X GET --header 'Accept: application/json' --header 'Authorization: Bearer
eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJhZG1pbiIsImF1dGgiOiJST0xFX0FETUlOLFJPTEVfVVNFUiIsImV4cCI6MTUzMDY2OTY0OX0.M6unwxPcbs8yAQw2
HsdIIkXm0c_vC2ljXr4yAqozTIv0X0U4K4025HxmDh4-LfoBNqmtHf6qCZk4MyDNKNypsg' 'http://localhost:8080/api/wheels'
```

Request URL

```
http://localhost:8080/api/wheels
```

Response Body

```
[
  {
    "id": 1,
    "position": "depan",
    "brand": "irc",
    "car": {
      "id": 1,
      "name": "Mobil Truck",
      "owner": {
        "id": 2,
        "name": "Fulan"
      }
    }
  }
]
```

Create or edit a Driver

Name

Pengemudi

License

1

Driving

1

Is

```
1
2
```

🚫 Cancel 💾 Save

Driver 1

Name
Pengemudi

License
1

Driving
1

Is
1, 2

← Back ✏️ Edit

Drivers

➕ Create new Driver

ID	Name	License	Driving	Is	
1	Pengemudi	1	1	1, 2	👁 View ✏️ Edit ❌ Delete

```
[ERROR] PASS src/test/javascript/spec/app/entities/license/license.component.spec.ts (232 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/driver/driver.component.spec.ts (258 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/wheel/wheel.component.spec.ts (252 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/owner/owner.component.spec.ts (276 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/car/car.component.spec.ts (257 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/license/license-detail.component.spec.ts (288 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/driver/driver-detail.component.spec.ts (270 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/owner/owner-detail.component.spec.ts (290 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/wheel/wheel-detail.component.spec.ts (283 MB heap size)
[ERROR] PASS src/test/javascript/spec/app/entities/car/car-detail.component.spec.ts (303 MB heap size)
[INFO] ----------------------------------------------|---------|----------|---------|---------|-------------------|
[INFO] File                                          | % Stmts | % Branch | % Funcs | % Lines | Uncovered Line #s |
[INFO] ----------------------------------------------|---------|----------|---------|---------|-------------------|
[INFO] All files                                     |   73.95 |    64.23 |   53.73 |   73.23 |                   |
[INFO]  main/webapp/app                              |     100 |      100 |     100 |     100 |                   |
[INFO]   app.constants.ts                            |     100 |      100 |     100 |     100 |                   |
[INFO]  main/webapp/app/account/activate             |   93.75 |       75 |      80 |      92 |                   |
[INFO]   activate.component.html                     |     100 |      100 |     100 |     100 |                   |
[INFO]   activate.component.ts                       |   95.24 |    76.92 |   85.71 |   93.75 |                35 |
[INFO]   activate.service.ts                         |      90 |    66.67 |   66.67 |    87.5 |                12 |
[INFO]  main/webapp/app/account/password             |   83.33 |    73.33 |      75 |   82.43 |                   |
[INFO]   password-strength-bar.component.ts          |   79.17 |    71.88 |   83.33 |   77.78 | ... 74,75,76,77,79 |
[INFO]   password.component.html                     |     100 |      100 |     100 |     100 |                   |
[INFO]   password.component.ts                       |      88 |       80 |   71.43 |      90 |             22,23 |
[INFO]   password.service.ts                         |      90 |    66.67 |   66.67 |    87.5 |                12 |
[INFO]  main/webapp/app/account/password-reset/finish |   95.56 |    76.67 |   83.33 |   94.87 |                   |
[INFO]   password-reset-finish.component.html        |     100 |      100 |     100 |     100 |                   |
[INFO]   password-reset-finish.component.ts          |   97.06 |    77.78 |   88.89 |   96.67 |                63 |
[INFO]   password-reset-finish.service.ts            |      90 |    66.67 |   66.67 |    87.5 |                12 |
[INFO]  main/webapp/app/account/password-reset/init  |   97.14 |       80 |      90 |   96.43 |                   |
[INFO]   password-reset-init.component.html          |     100 |      100 |     100 |     100 |                   |
[INFO]   password-reset-init.component.ts            |     100 |    82.35 |     100 |     100 |                15 |
[INFO]   password-reset-init.service.ts              |      90 |    66.67 |   66.67 |    87.5 |                12 |
[INFO]  main/webapp/app/account/register             |   93.88 |    83.87 |      75 |   93.18 |                   |
[INFO]   register.component.html                     |     100 |      100 |     100 |     100 |                   |
[INFO]   register.component.ts                       |   94.74 |    85.71 |   77.78 |   94.29 |             36,58 |
[INFO]   register.service.ts                         |      90 |    66.67 |   66.67 |    87.5 |                12 |
[INFO]  main/webapp/app/account/settings             |    87.5 |       75 |   77.78 |   89.47 |                   |
[INFO]   settings.component.html                     |     100 |      100 |     100 |     100 |                   |
[INFO]   settings.component.ts                        |   86.96 |       75 |   77.78 |   88.89 |             18,19 |
[INFO]  main/webapp/app/admin                        |     100 |      100 |     100 |     100 |                   |
[INFO]   admin.route.ts                              |     100 |      100 |     100 |     100 |                   |
[INFO]   index.ts                                    |     100 |      100 |     100 |     100 |                   |
[INFO]  main/webapp/app/admin/audits                 |   89.69 |    70.73 |   77.27 |   89.53 |                   |
[INFO]   audit-data.model.ts                         |      60 |      100 |      50 |   66.67 |                 2 |
[INFO]   audit.model.ts                              |     100 |      100 |     100 |     100 |                   |
[INFO]   audits.component.html                       |     100 |      100 |     100 |     100 |                   |
[INFO]   audits.component.ts                         |   87.88 |    71.05 |   73.33 |    87.3 | ... 04,109,115,126 |
[INFO]   audits.route.ts                             |     100 |      100 |     100 |     100 |                   |
[INFO]   audits.service.ts                           |     100 |    66.67 |     100 |     100 |                11 |
[INFO]  main/webapp/app/admin/configuration          |   32.84 |    18.18 |   14.29 |   30.51 |                   |
[INFO]   configuration.component.html                |     100 |      100 |     100 |     100 |                   |
[INFO]   configuration.component.ts                  |      32 |    28.57 |   16.67 |   28.57 | ... 32,33,34,39,40 |
[INFO]   configuration.route.ts                      |     100 |      100 |     100 |     100 |                   |
```