

Nama : Zaki Raihan

NPM : 1606878505

Kelas : APAP - A

1. Ubah method view dealer agar menampilkan daftar mobil beserta detail terurut berdasarkan harga mobil.

```
@RequestMapping(value = "/dealer/view", method = RequestMethod.GET)
private String viewDealer(@RequestParam(value = "dealerId", required = true) Long dealerId, Model model) {
    DealerModel dealer = null;
    List<CarModel> listCar = null;
    if (dealerService.getDealerDetailById(dealerId).isPresent()) {
        dealer = dealerService.getDealerDetailById(dealerId).get();
        listCar = dealer.getListCar();
        Collections.sort(listCar);
    }
    model.addAttribute("listCar", listCar);
    model.addAttribute("dealer", dealer);
    return "view-dealer";
}
```

← → ↻ 🏠 📄 localhost:8080/dealer/view?dealerId=5 ☆

Alamat: Jalan Diponegoro

Telepon: 14045

[Delete Dealer](#)  
[Update Dealer](#)  
[Tambah Mobil](#)  
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List Mobil:

Brand	Type	Price	Amount	Delete	Update
Daihatsu	Paling Murah :")	100000000	65	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
Toyota	Agak mahal	150000000	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

2. Buatlah fitur delete untuk menghapus dealer dan sebuah mobil.

Pada DealerController

```
@RequestMapping(value = "/dealer/delete{dealerId}", method = RequestMethod.GET)
private String updateDealerSubmit(@PathVariable(value = "dealerId") Long dealerId) {
    dealerService.deleteDealerById(dealerId);
    return "delete";
}
```

Pada DealerServiceImpl

```
@Override
public void deleteDealerById(Long dealerId) {
    dealerDb.delete(this.getDealerDetailById(dealerId).get());
}
```

Pada DealerService

```
public interface DealerService {

    List<DealerModel> getAllDealer();

    Optional<DealerModel> getDealerDetailById(Long id);

    void addDealer(DealerModel dealer);

    void updateDealer(Long dealerId, DealerModel newDealer);

    void deleteDealerById(Long dealerId);
}
```

## Step Delete Dealer:

Sebelum:

### Daftar Dealer Yang Ada:

Alamat: Jalan pagar alam

Telepon: 085766006160

#### List Mobil:

Brand	Type	Price	Amount
Toyota	Avanza	1000000000	16
Daihatsu	Xenia	1000000000	7

Alamat: Jalan aja lagi lah

Telepon: 085766006160

#### List Mobil:

Maaf Tidak Ada Mobil yang Dijual

Alamat: Jalan Diponegoro

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#### List Mobil:

Tekan tombol delete pada view dealer:

**Alamat: Jalan aja lagi lah**

**Telepon: 085766006160**

[Delete Dealer](#)

[Update Dealer](#)

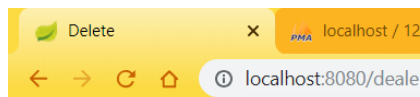
[Tambah Mobil](#)

[Kembali](#)

#### List Mobil:

Maaf Tidak Ada Mobil yang Dijual

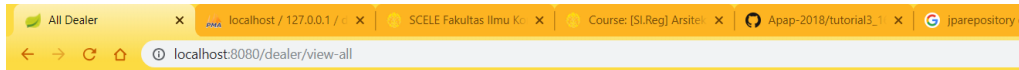
Notifikasi delete berhasil:



**Data Berhasil Dihapus**

[Kembali](#)

## Dealer “Jalan aja lagi lah” terhapus



### Daftar Dealer Yang Ada:

Alamat: Jalan pagar alam

Telepon: 085766006160

#### List Mobil:

Brand	Type	Price
Toyota	Avanza	1000000000
Daihatsu	Xenia	100000000

Alamat: Jalan Diponegoro

Telepon: 14045

#### List Mobil:

Brand	Type	Price
BMW	Gak tau saya :(	1000000000
Daihatsu	Paling Murah :")	100000000
Toyota	Agak mahal	150000000

Alamat: Jalan "in" ajah :(

Telepon: 14022

#### List Mobil:

Maaf Tidak Ada Mobil yang Dijual

## Pada Car Controller

```
@RequestMapping(value = "/car/delete{carId}", method = RequestMethod.GET)
private String updateDealerSubmit(@PathVariable(value = "carId") Long carId) {
    carService.deleteCarById(carId);
    return "delete";
}
```

## Pada CarServiceImpl

```
@Override
public void deleteCarById(Long carId) {
    carDb.delete(this.getCarDetailById(carId).get());
}
```

## Pada CarService

```
public interface CarService {
    void addCar(CarModel car);

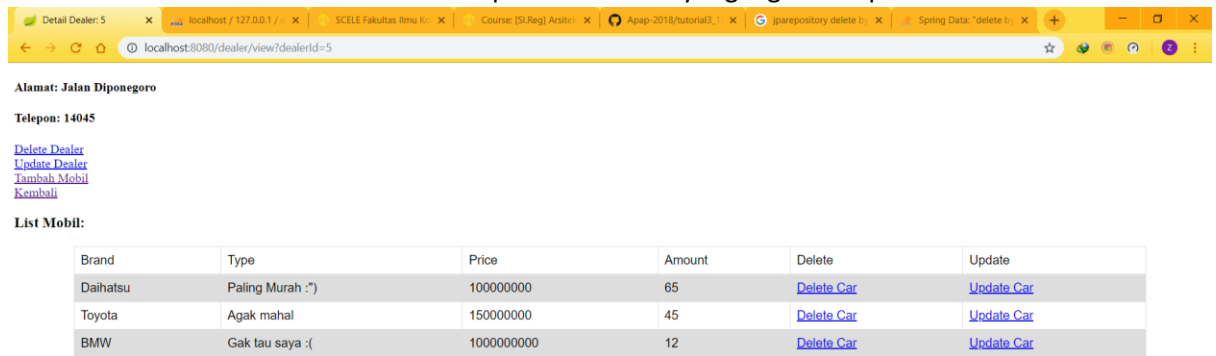
    Optional<CarModel> getCarDetailById(Long id);

    void updateCar(Long carId, CarModel newCar);

    void deleteCarById(Long carId);
}
```

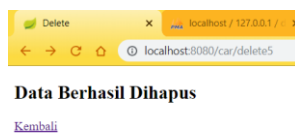
## Step delete car:

Buka view dealer dan klik tombol delete pada kolom car yang ingin di hapus



Brand	Type	Price	Amount	Delete	Update
Daihatsu	Paling Murah :')	100000000	65	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
Toyota	Agak mahal	150000000	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

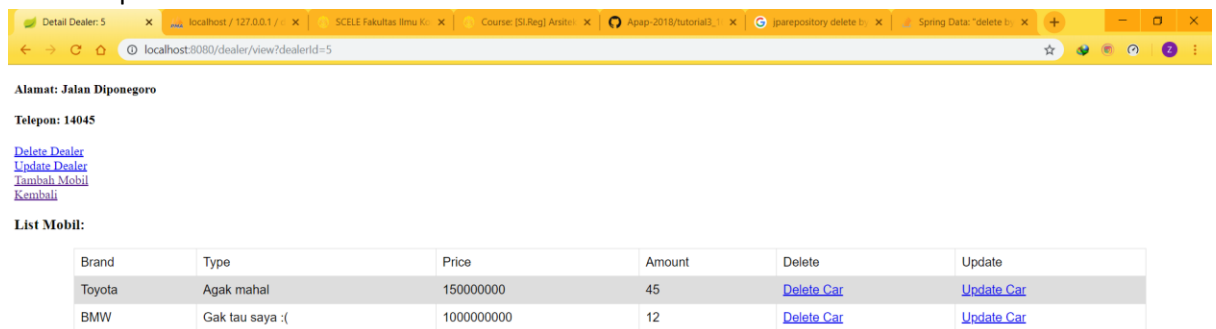
## Muncul notifikasi delete berhasil



**Data Berhasil Dihapus**

[Kembali](#)

## Car terhapus dari dealer



Brand	Type	Price	Amount	Delete	Update
Toyota	Agak mahal	150000000	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

### 3. Buatlah fitur update untuk seorang dealer dan sebuah mobil.

#### Pada Dealer Controller

```
@RequestMapping(value = "/dealer/update{dealerId}", method = RequestMethod.GET)
private String update(@PathVariable(value = "dealerId") Long dealerId, Model model) {
    DealerModel oldDealer = dealerService.getDealerDetailById(dealerId).get();
    model.addAttribute("oldDealer", oldDealer);
    model.addAttribute("newDealer", new DealerModel());
    return "updateDealer";
}

@RequestMapping(value = "/dealer/update{dealerId}", method = RequestMethod.POST)
private String updateDealerSubmit(@ModelAttribute DealerModel newDealer, @PathVariable(value = "dealerId") Long dealerId) {
    dealerService.updateDealer(dealerId, newDealer);
    return "update";
}
```

#### Pada DealerServiceImpl

```
@Override
public void updateDealer(Long dealerId, DealerModel newDealer) {
    DealerModel oldDealer = this.getDealerDetailById(dealerId).get();
    oldDealer.setAlamat(newDealer.getAlamat());
    oldDealer.setNoTelp(newDealer.getNoTelp());
}
```

#### Pada DealerService

```
public interface DealerService {

    List<DealerModel> getAllDealer();

    Optional<DealerModel> getDealerDetailById(Long id);

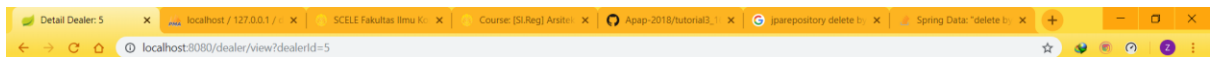
    void addDealer(DealerModel dealer);

    void updateDealer(Long dealerId, DealerModel newDealer);

    void deleteDealerById(Long dealerId);
}
```

#### Step update dealer

#### Buka view dealer



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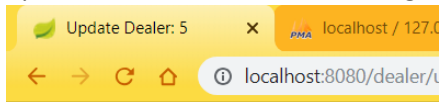
Telepon: 14045

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List Mobil:

Brand	Type	Price	Amount	Delete	Update
Toyota	Agak mahal	150000000	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

Klik tombol update maka form akan muncul (asumsi yang diupdate hanya alamat dan notelp, update car dalam dealer bisa dengan delete ataupun update car secara manual)



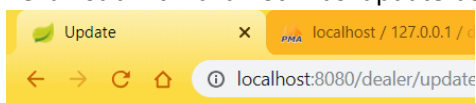
**Hello!!!!**

### Update Dealer

Alamat:

No. Telp:

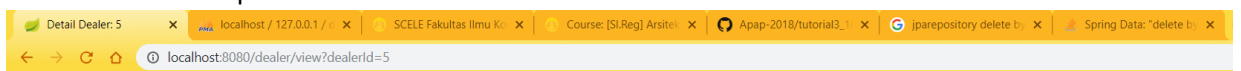
Tekan submit maka notifikasi update berhasil muncul



### Data Berhasil Diupdate

[Kembali](#)

### Dealer berhasil di update



Alamat: Jalan Diponegoro baru

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List Mobil:

Brand	Type	Price	Amount	Delete	Update
Toyota	Agak mahal	1500000000	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

### Pada CarController

```
@RequestMapping(value = "/car/update{carId}", method = RequestMethod.GET)
private String update(@PathVariable(value = "carId") Long carId, Model model) {
    CarModel oldCar = carService.getCarDetailById(carId).get();
    model.addAttribute("oldCar", oldCar);
    model.addAttribute("newCar", new CarModel());
    return "updateCar";
}

@RequestMapping(value = "/car/update{carId}", method = RequestMethod.POST)
private String updateDealerSubmit(@ModelAttribute CarModel newCar, @PathVariable(value = "carId") Long carId) {
    carService.updateCar(carId, newCar);
    return "update";
}
```

Pada CarServiceImpl

```
@Override
public void updateCar(Long carId, CarModel newCar) {
    CarModel oldCar = this.getCarDetailById(carId).get();
    oldCar.setBrand(newCar.getBrand());
    oldCar.setType(newCar.getType());
    oldCar.setPrice(newCar.getPrice());
    oldCar.setAmount(newCar.getAmount());
}
```

Pada CarService

```
public interface CarService {
    void addCar(CarModel car);

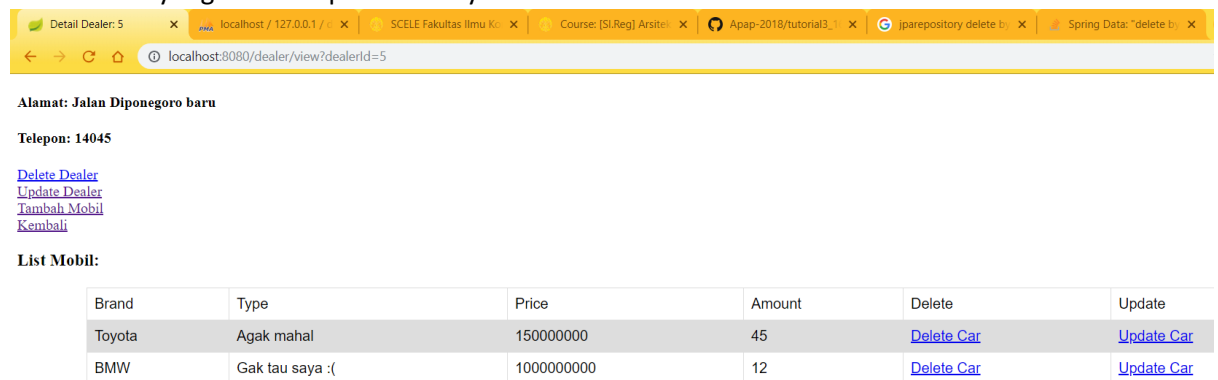
    Optional<CarModel> getCarDetailById(Long id);

    void updateCar(Long carId, CarModel newCar);

    void deleteCarById(Long carId);
}
```

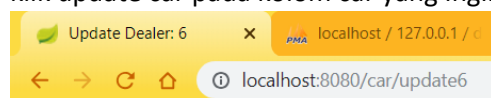
Step update car

Buka dealer yang akan di update car-nya



Brand	Type	Price	Amount	Delete	Update
Toyota	Agak mahal	150000000	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

klik update car pada kolom car yang ingin di update, maka akan muncul form untuk update



Hello!!!!

Update Dealer

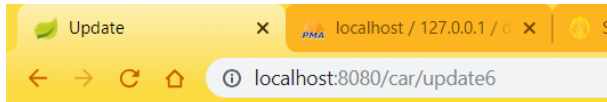
Brand:

Type:

Price:

Amount:

Klik submit maka akan muncul notifikasi update berhasil



## Data Berhasil Diupdate

[Kembali](#)

Car berhasil di update



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List Mobil:

Brand	Type	Price	Amount	Delete	Update
Toyota	Agak mahal dikit lah naikin	155555555	45	<a href="#">Delete Car</a>	<a href="#">Update Car</a>
BMW	Gak tau saya :(	1000000000	12	<a href="#">Delete Car</a>	<a href="#">Update Car</a>

4. Buatlah fitur untuk melihat view all dealer sehingga dapat menampilkan brand mobil beserta amount dan price yang dijual.

Pada DealerController

```
@RequestMapping(value = "/dealer/view-all", method = RequestMethod.GET)
private String viewDealerAll(Model model) {
    List<DealerModel> listDealer = null;
    if (!dealerService.getAllDealer().isEmpty()) {
        listDealer = dealerService.getAllDealer();
    }
    model.addAttribute("listDealer", listDealer);
    return "viewAll-dealer";
}
```

Pada DealerServiceImpl

```
@Override
public List<DealerModel> getAllDealer(){
    return dealerDb.findAll();
}
```

Pada DealerService

```
public interface DealerService {

    List<DealerModel> getAllDealer();

    Optional<DealerModel> getDealerDetailById(Long id);

    void addDealer(DealerModel dealer);

    void updateDealer(Long dealerId, DealerModel newDealer);

    void deleteDealerById(Long dealerId);
}
```



Pada home pilih lihat semua

All Dealer

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localhost:9080/dealer/view-all

**Daftar Dealer Yang Ada:**

Alamat: Jalan pagar alam

Telepon: 085766006160

List Mobil:

Brand	Type	Price	Amount
Toyota	Avanza	1000000000	16
Daihatsu	Xenia	100000000	7

Alamat: Jalan Diponegoro baru

Telepon: 14045

List Mobil:

Brand	Type	Price	Amount
BMW	Gak tau saya :(	1000000000	12
Toyota	Agak mahal dikit lah naikin	155555555	45

Alamat: Jalan "in" ajah :(

Telepon: 14022

List Mobil:

Maaaf Tidak Ada Mobil yang Dijual

[Kembali](#)