

/bus-passengers.htm

ViewBus
Passengers

action="/getBusPassengers.htm"

Bus No:

Journey Date:

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bus-passengers.jsp

```
GetBusPassengers
Controller
- handleRequestInternal
(..){
    // busno & journeyDt
    // goto database fetch the
    passengers information
    // List<PassengersDto>
    // mav
    if(action.eq("pdf")) {
        ret "bus-passengers-pdf";
    }else if(action.eq("xls")){
        return "bus-passengers-xls";
    }
    // "bus-passengers";
}
```

<a href="/
getBusPassengers.htm&busNo=b1&journeyDt=2025-02-22&view=pdf"
>download

TransportDispatcherServletInit
ializer extends
AbstractAnnotationConfigDispat
cherServletInitializer {
 getRootConfigClasses(){}
 getServletConfigClasses(){}
 getServletMappings(){}
}

[default]
BeanNameUrlHandlerMapping

@Controller("/bus-passengers.htm")
ViewBusPassengerController extends
AbstractController {
 handleRequestInternal(req, resp){
 <- "bus-passengers";
 }
}

TransportView
|-src
| -main
| -java
| -resources
| -webapp
| -WEB-INF
| -jsp
| -bus-passengers.jsp
|-pom.xml

/bus-passengers.htm
/getBusPassengers.htm

Transport
Root
Config

Transport
WebConfig

1
BeanNameViewResolver

2
InternalResource
ViewResolver
|-prefix="/WEB-INF/jsp/"
|-suffix=".jsp"

JSTLView
|-url="/WEB-INF/jsp/bus-passengers.jsp"

```
@Controller("/getBusPassengers.htm")
class GetBusPassengersController extends
AbstractController {
    ModelAndView handleRequestInternal(req, resp) {
        String busNo = req.getParam("busNo");
        String journeyDt = req.getParam("journeyDt");
        String view = req.getParam("view");

        // goto database query the passengers list
        // make the List Passengers

        mav = new ModelAndView();
        mav.addAttribute("passengers", passengersList);
        mav.addAttribute("busNo", busNo);
        mav.addAttribute("journeyDt", journeyDt);

        if(view.eq("pdf") {
            mav.setViewName("bus-passengers-pdf");
        }else if(view.eq("xls")) {
            mav.setViewName("bus-passengers-xls");
        } else {
            mav.setViewName("bus-passengers");
        }
        return mav;
    }
}
```

```
class PassengerDto {
    String passengerName;
    int age;
    String gender;
    String mobileNo;
    String busStop;
    // accessors
}
```

```
@Component("bus-passengers-pdf")
class BusPassengersPdfView
implements View {
    // generating pdf view
}
```

```
@Component("bus-passengers-xls")
class BusPassengersXlsView
implements View {
    // generating excel view
}
```