

Builder Design Pattern in Scheduledflight.java

```
public static final class ScheduledFlightBuilder {
    private List<Passenger> passengers;
    private Date departureTime;
    private double currentPrice;

    private ScheduledFlightBuilder() {
    }

    public static ScheduledFlightBuilder
aScheduledFlight(List<Passenger> passengers, Date departureTime, double
currentPrice) {
        return new ScheduledFlightBuilder(passengers, departureTime,
currentPrice);
    }

    public ScheduledFlight build() {
        ScheduledFlight scheduledFlight = new
ScheduledFlight(passengers, departureTime, currentPrice);
        return scheduledFlight;
    }

    public List<Passenger> getPassengers() {
        return passengers;
    }

    public void setPassengers(List<Passenger> passengers) {
        this.passengers = passengers;
    }

    public Date getDepartureTime() {
        return departureTime;
    }

    public void setDepartureTime(Date departureTime) {
        this.departureTime = departureTime;
    }

    public static final class ScheduledFlightBuilderBuilder {
        private List<Passenger> passengers;
```

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```
private Date departureTime;

private ScheduledFlightBuilderBuilder() {
}

public static ScheduledFlightBuilderBuilder
aScheduledFlightBuilder() {
    return new ScheduledFlightBuilderBuilder();
}

public ScheduledFlightBuilderBuilder
withPassengers(List<Passenger> passengers) {
    this.passengers = passengers;
    return this;
}

public ScheduledFlightBuilderBuilder withDepartureTime(Date
departureTime) {
    this.departureTime = departureTime;
    return this;
}

public ScheduledFlightBuilder build() {
    ScheduledFlightBuilder scheduledFlightBuilder = new
ScheduledFlightBuilder();
    scheduledFlightBuilder.setPassengers(passengers);
    scheduledFlightBuilder.setDepartureTime(departureTime);
    return scheduledFlightBuilder;
}
}
}
```

Creating a builder class ScheduledBuildFlighter, In this case it gives the passengers list, departure time, Arrival time. Which is expected to schedule a Flight. Builder Interface declares the product construction steps which are common to all types of builders like Passengers list which will be traveling from one place to another place and the departure time, and the Price required to from A to B.

In the modified Code, `class ScheduledFlightBuilder`

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- Now it takes all the passengers list as an input, and departure time, Current price required to travel.