

Airline Travel Documentation

Airlines:

```
@RequestMapping(value="/airlines",method = RequestMethod.POST)  
public Airlines addAirline (@RequestBody @Valid Airlines airline){  
    airlinesService.addAirlines(airline);  
    return airline;
```

- This allows the client to add an airline to the program by creating the AIRLINE path and using the **POST** command.

```
@RequestMapping(value = "/airlines", method=RequestMethod.GET)  
public List<Airlines> getAllAirlines(){  
    return airlinesService.getAllAirlines();
```

- This allows the client to use the AIRLINE path and get a list of all airlines created on the program by using the **GET** command.

```
@RequestMapping(value="/airlines/{id}", method=RequestMethod.DELETE)  
public void deleteAirline(@PathVariable int id){  
    airlinesService.deleteAirlines(id);
```

- This allows the client to delete an airline from the program by using the AIRLINE path and using the **DELETE** command.

Hubs:

```
@RequestMapping(value = "/hubs", method = RequestMethod.GET)  
public List<Hubs> getAllHubs(){  
    return hubsService.getAllHubs();
```

- This allows the client to use the HUBS path and get a list of all hubs created on the program by using the **GET** command.

Flights:

`@RequestMapping(value = "/flights", method = RequestMethod.POST)`

`public Flights addFlights(@RequestBody @Valid Flights flight) {`

`flightsService.addFlights(flight);`

`return flight;`

- This allows the client to add a flight to the program by creating the FLIGHTS path and using the **POST** command.

`@RequestMapping(value = "/flights", method = RequestMethod.GET)`

`public List<Flights> getAllFlights() {`

`return flightsService.getAllFlights();`

- This allows the client to use the FLIGHTS path and get a list of all flights created on the program by using the **GET** command.

`@RequestMapping(value = "/flights/{id}", method = RequestMethod.DELETE)`

`public void deleteFlight(@PathVariable int id) {`

`flightsService.deleteFlights(id);`

- This allows the client to delete a flight from the program by using the FLIGHTS path and using the **DELETE** command.

`@RequestMapping(value = "/flights/airlineAndHub/{airline}/{hub}", method = RequestMethod.GET)`

`public List<Flights> getFlightsByAirlineAndHub(@PathVariable String airline,`

`@PathVariable String hub) {`

`return flightsService.findFlightsByAirlineAndHub(airline, hub);`

- This allows the client to get a list of flights by airline and hub from the program by using the FLIGHTS/path, enter their airline followed by "/", enter their hub, and use the **GET** command.

`@RequestMapping(value = "/flights/hubAndDestination/{hub}/{destination}", method = RequestMethod.GET)`

`public List<Flights> findFlightsByHubAndDestination(@PathVariable String hub,`

`@PathVariable String destination) {`

`return flightsService.findFlightsByHubAndDestination(hub, destination);`

- This allows the client to get a list of flights by hub and destination from the program by using the FLIGHTS path, enter their hub followed by "/", enter their destination, and use the **GET** command.

