Virtual TK1 Airport

In order to run the application, kindly follow the below steps:

- 1. Extract the ZIP file
- 2. From the project home directory, navigate to root folder where gradlew.bat file exists.
- 3. Open a new terminal in the project home and run 'gradlew runServerApp' (this will launch the object server)
- 4. Open a new terminal in the project home and run 'gradlew runClientApp (this will launch one object client, you can launch more clients by open another terminal and execute this command again)

Note: When you launch server at the second time, it might occur the problem highly possible incurred by the port being used. This problem, however, can be easly solved by kill 'javaw.exe' task in the Task Manger -> Details

Running screenshot

1. Executing gradlew runServerApp

```
tk1-ex1>gradlew runServerApp

Starting a Gradle Daemon, 2 incompatible and 1 stopped Daemons could not be reused, use --status for details

> Task :compileJava
Note: W:\Hausarbeit\Informatik_Local\TK1\tk1-ex1-template\tk1-ex1\src\main\java\view\ClientApp.java uses unchecked or un safe operations.
Note: Recompile witk -Xlint:unchecked for details.

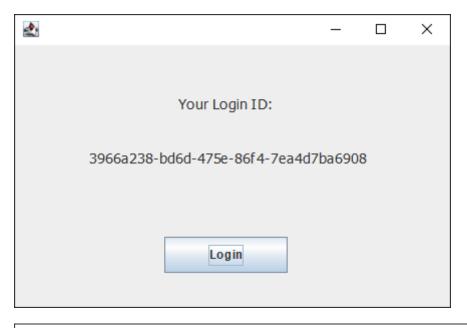
> Task :runServerApp
Nov 23, 2021 1:12:12 PM FlightServer main
INFO: Server is ready
<======---> 75% EXECUTING [24s]
> :runServerApp
```

2. Executing gradlew runClientApp

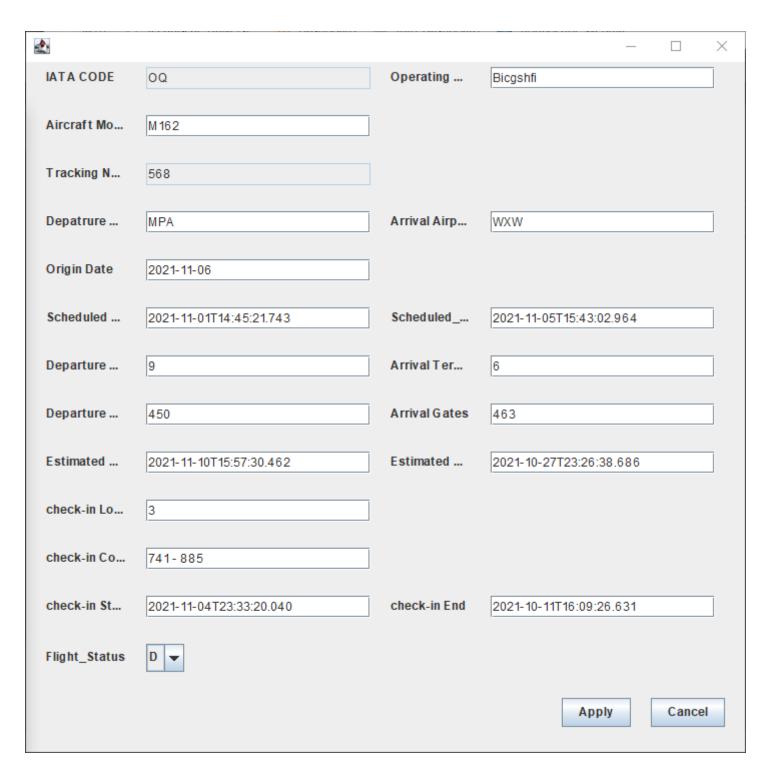
```
\tkl-exl>gradlew runClientApp
Starting a Gradle Daemon, 1 busy and 1 incompatible and 1 stopped Daemons could not be reused, use --status for details
Task :runClientApp
Nov 23, 2021 1:13:36 PM FlightClient connectRMIserver
INFO: List of set flights: 0

Deprecated Gradle features were used in this build, making it incompatible with Gradle 7.0.
Use '--warning-mode all' to show the individual deprecation warnings.
See https://docs.gradle.org/6.3/userguide/command_line_interface.html#sec:command_line_warnings

BUILD SUCCESSFUL in 30s
2 actionable tasks: 1 executed, 1 up-to-date
```



4						_		×
Operating Airp	IATA Code	Tracking Num	Departure Air	Arrival Airport	Terminal	Scheduled Ti	Estima	ted Time
Tflchgmml	MZ	755	IBG	EBZ	5	2021-10-17T0	2021-1	0-18T1
Eyeabp	MW	537	YXC	WDK	9	2021-10-12T2	2021-1	0-13T1
	OK	135	JYP	RSI	2	2021-10-21T2	2021-1	0-30T1
Rvok	ZL	186	UBU	JYA	6	2021-10-28T0	2021-1	0-26T2
	YX	084	JUL	IKW	9	2021-11-04T1	2021-1	0-20T1
Bicgshfi	OQ	568	MPA	WXW	9	2021-11-01T1	2021-1	1-10T1
	BD	338	TEG	KJD	6	2021-10-19T0	2021-1	0-29T0
Juo	ZP	496	YTF	CHC	9	2021-10-13T0	2021-1	1-08T0
Gqh	KX	183	HDB	CLV	4	2021-11-09T1	2021-1	0-30T2
Phje	IT	687	WRP	GXI	5	2021-11-06T0	2021-1	0-26T1
	Modify			ete		Add		
			Log	out				



Problem:

Port 10999 is already in use.

```
SEVERE: Server exception

java.rmi.server.ExportException: Port already in use: 10999; nested exception is:

java.net.BindException: Address already in use: NET_Bind

at java.rmi/sun.rmi.transport.tcp.TCPTransport.listen(TCPTransport.java:335)

at java.rmi/sun.rmi.transport.tcp.TCPTransport.exportObject(TCPTransport.java:243)

at java.rmi/sun.rmi.transport.tcp.TCPEndpoint.exportObject(TCPEndpoint.java:412)

at java.rmi/sun.rmi.transport.LiveRef.exportObject(LiveRef.java:147)

at java.rmi/sun.rmi.server.UnicastServerRef.exportObject(UnicastServerRef.java:234)

at java.rmi/sun.rmi.registry.RegistryImpl.setup(RegistryImpl.java:220)

at java.rmi/sun.rmi.registry.RegistryImpl.<init>(RegistryImpl.java:205)

at java.rmi/java.rmi.registry.LocateRegistry.createRegistry(LocateRegistry.java:203)

at FlightServer.main(FlightServer.java:144)

Caused by: java.net.BindException: Address already in use: NET_Bind
```

Solution:

Kill all tasks named java* as follow

