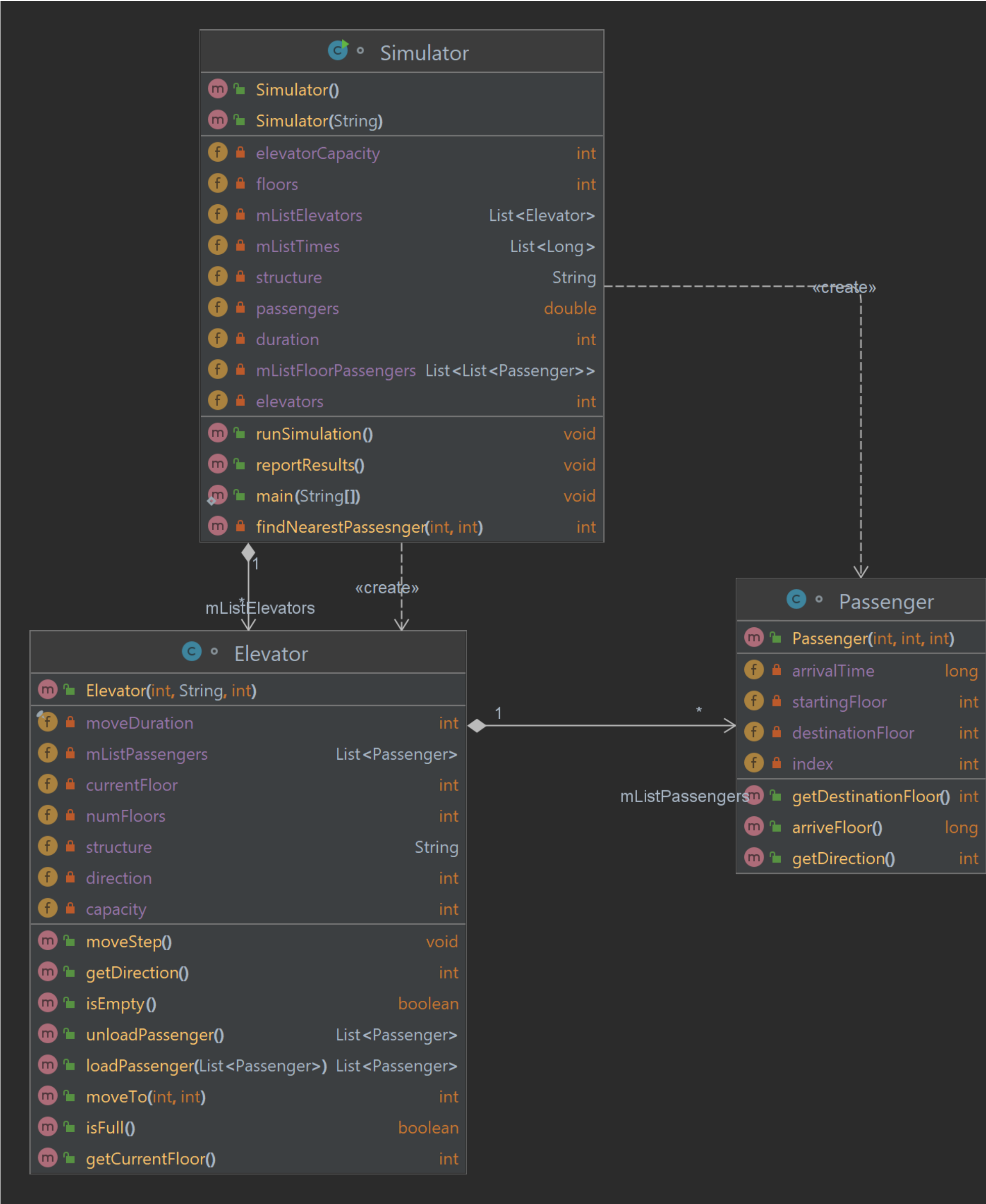


Report of CS245 Assignment 2 – Elevator

1. Design choices and OO decomposition of the problem

I implemented this problem in 3 classes:
The simulator class is the main class.
This class reads the properties file and implements the simulation basic logic.
An elevator class implements the movement of an elevator.
The passenger class represents a passenger.



2. Data structure choices

I implemented two data structures.
In other words, for linked, a LinkedList must be implemented.
For array, a ArrayList was implemented.

3. Instructions for compile and runing

- Compile
Javac Simulator.java Passenger.java Elevator.java
- Run
 - o Without properti file
Java Simulator
 - o With Properties file
Java Simulator sys.properties