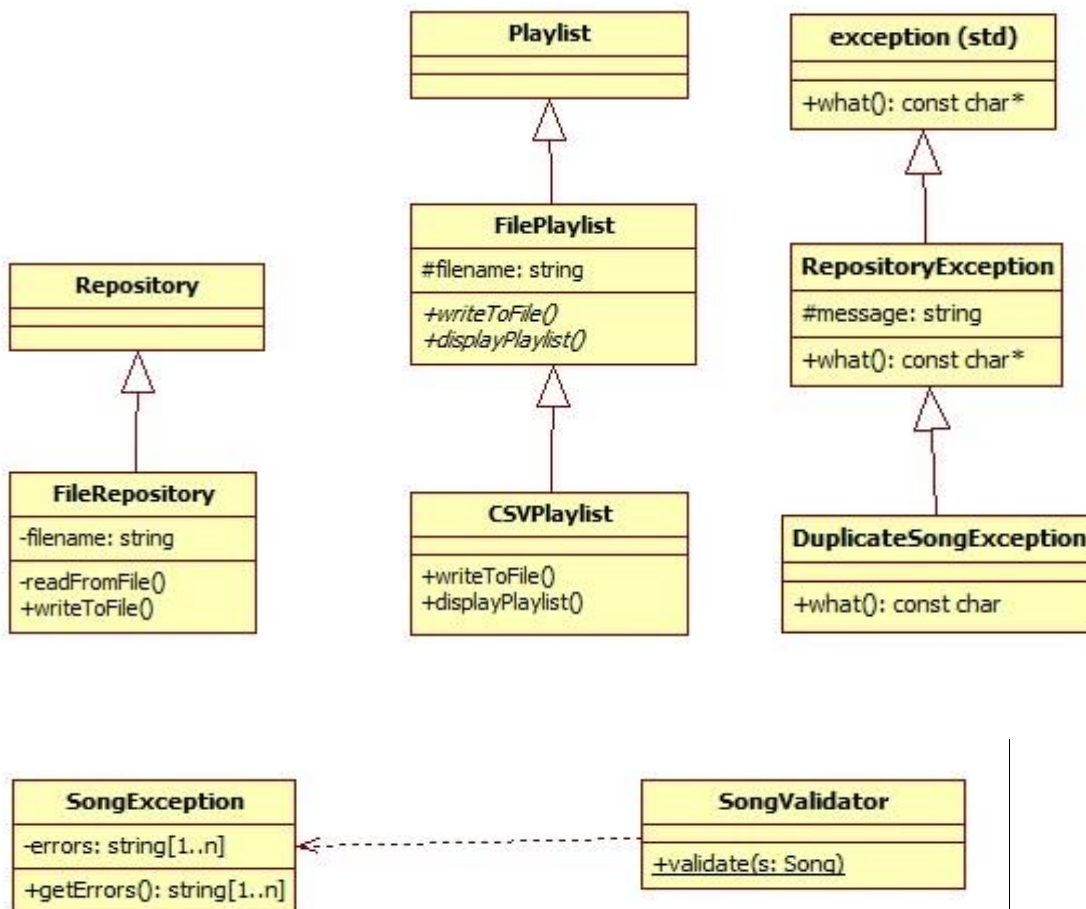# SEMINAR 4

1. OBJECTIVES

- Work with input/output streams, define custom extraction/insertion operators.
- Read/write data from/to files.
- Define and use exception classes and hierarchies.

2. PROBLEM STATEMENT

Extend your playlist application to offer data persistence. The songs in the repository will be read from/written to a text file and the application will provide functionalities for storing the playlist data to a CSV file. Furthermore, the application will have to use exceptions in order to signal errors.

3. UML DIAGRAMS

The entire source code can be found on the OOP web page, Seminar 4 – Week 2.