

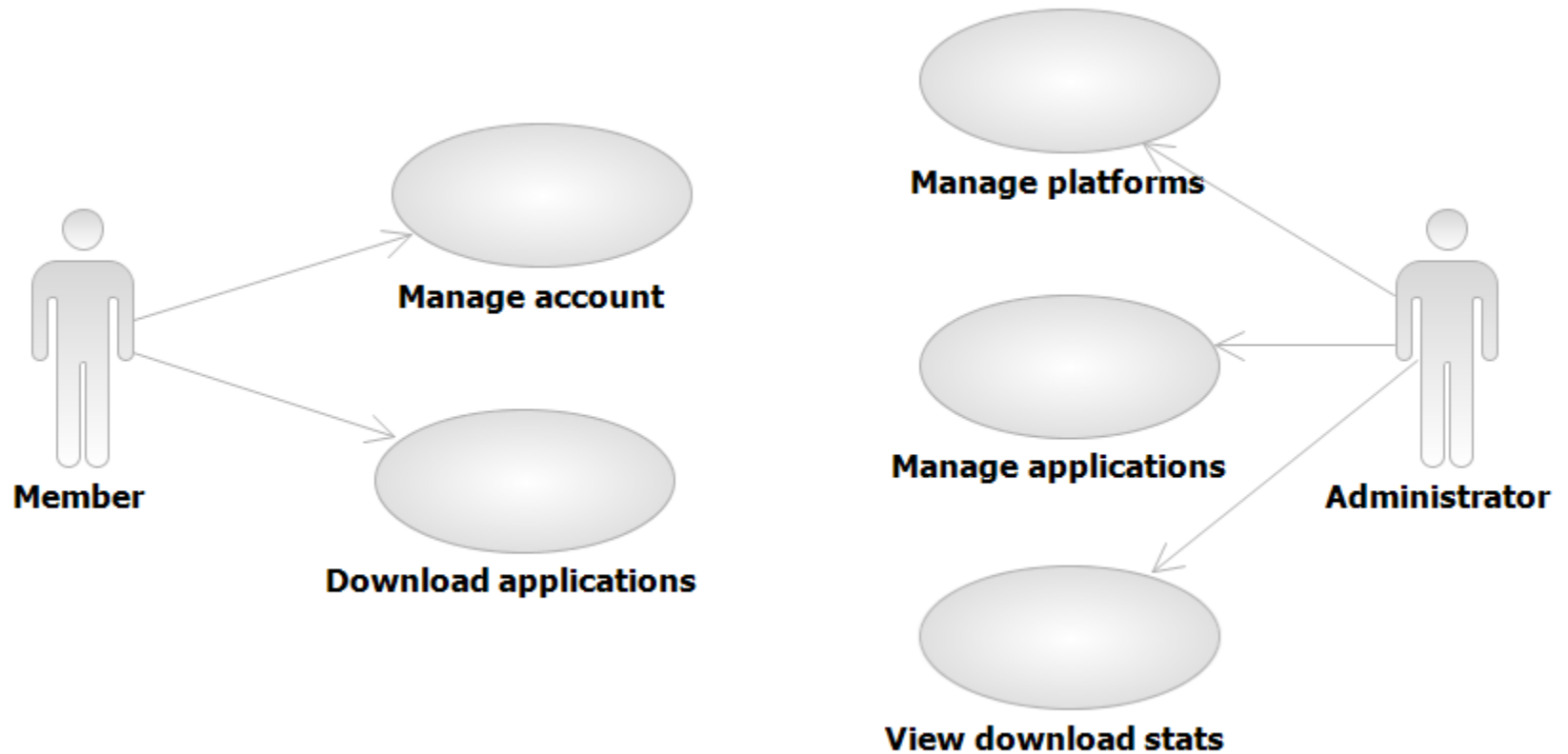
Practice#1

JDBC - ORM

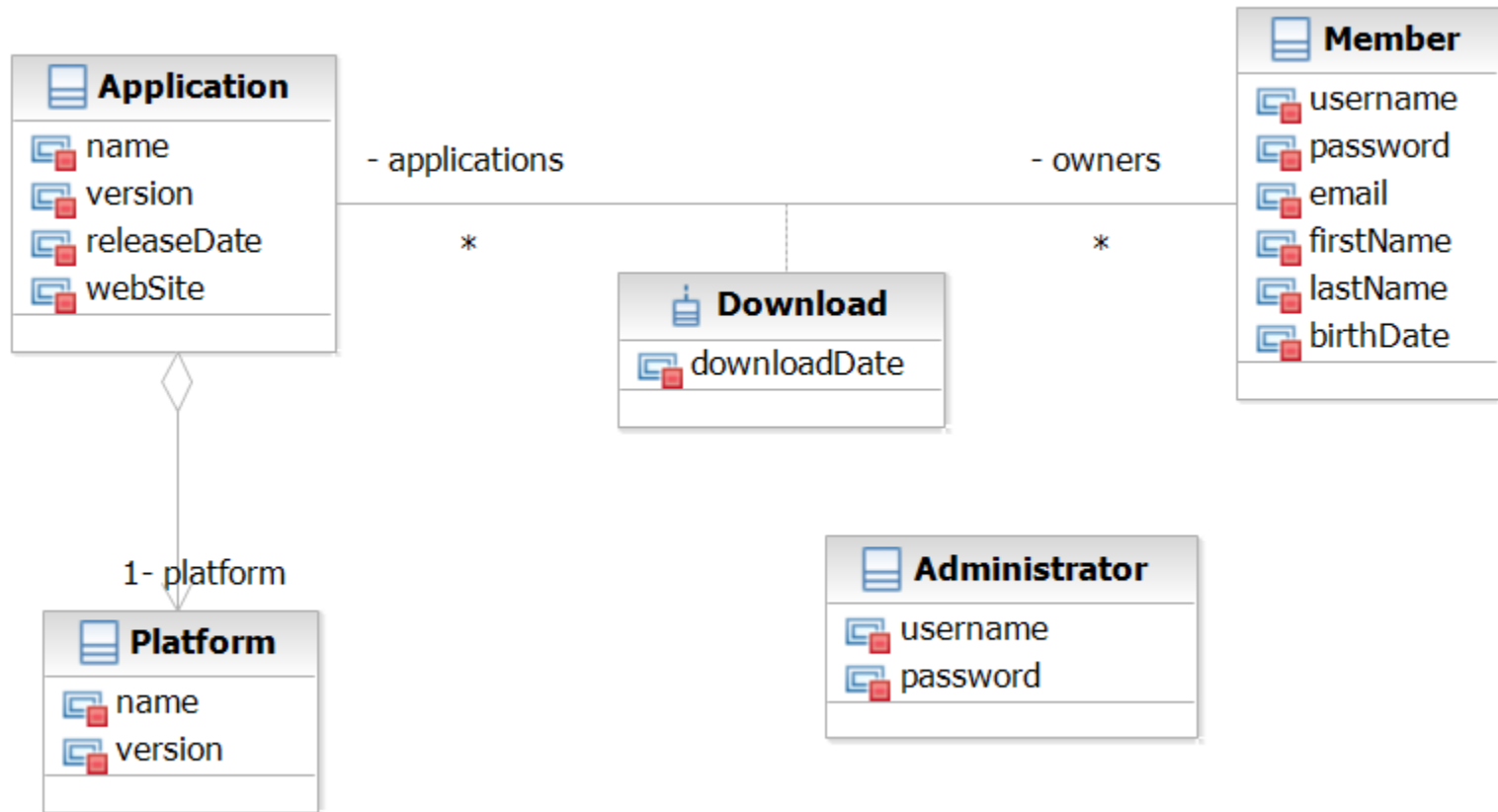
Simple AppShop

- The Simple App Shop application has been simplified to focus on the main interesting concepts.
- The aim of this practice is to save/load the Simple AppShop data into/from a Derby database using JDBC.

Simple AppShop use cases diagram



Simple AppShop class diagram



Teacher expectations ;)

- Implement the AppShop persitence layer using the DAO pattern.
- Test the following cases:
 - An admin add a new application in the catalog.
 - A member download an app.
 - List the members who have downloaded a given app.
 - Display the app downloads' stats. (Be creative!)

Practice hints / Useful links

- Simple AppShop database DDL script: <http://goo.gl/LNNLI>
- Simple AppShop database data: <http://goo.gl/dvkzk>.
- Netbeans provide a Derby/Java DB database server + a graphical DB explorer. **Use them!**
- <http://docs.oracle.com/javase/6/docs/api/java/sql/package-summary.html>
- <http://www.derby.com/>
- <http://www.w3schools.com/sql/default.asp>
- <http://www.1keydata.com/sql/sql.html>

Q&A

You have

Questions

We have

Answers

Credits

- http://2.bp.blogspot.com/_2tQ-utDWJWw/S7OjQ_UNUal/AAAAAAAAAEg/n4sog-AgwI4/s1600/Questions+and+Answers.jpg