Evidence for Analysis and Design Unit

Yonatan Satat
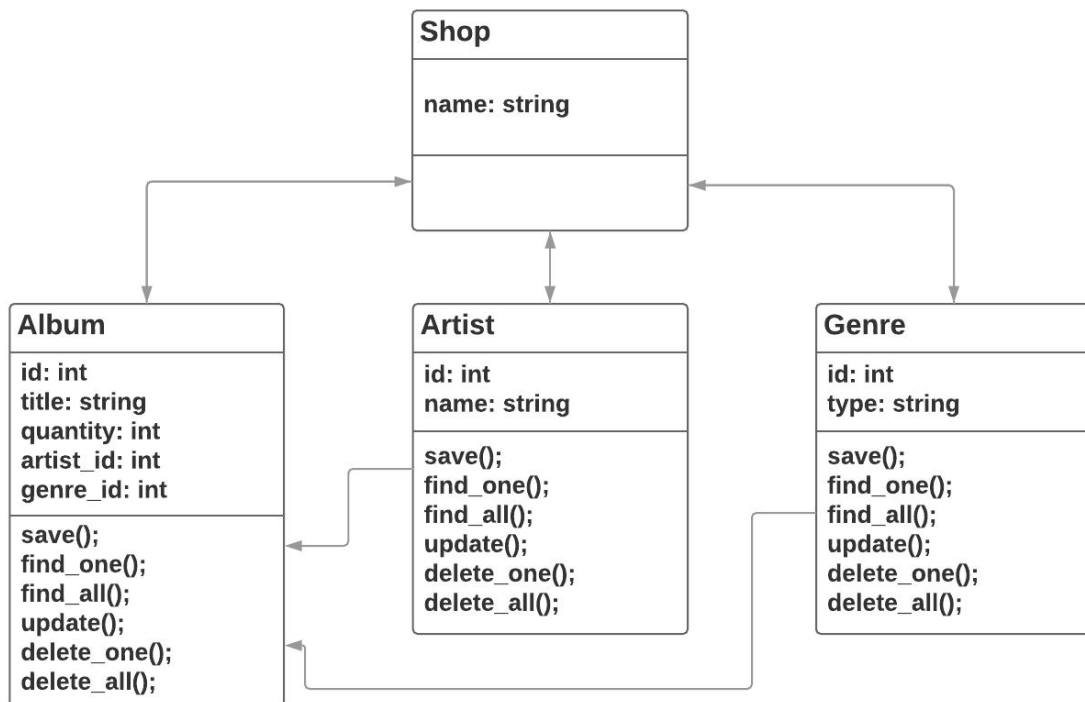E16
25/11/2017
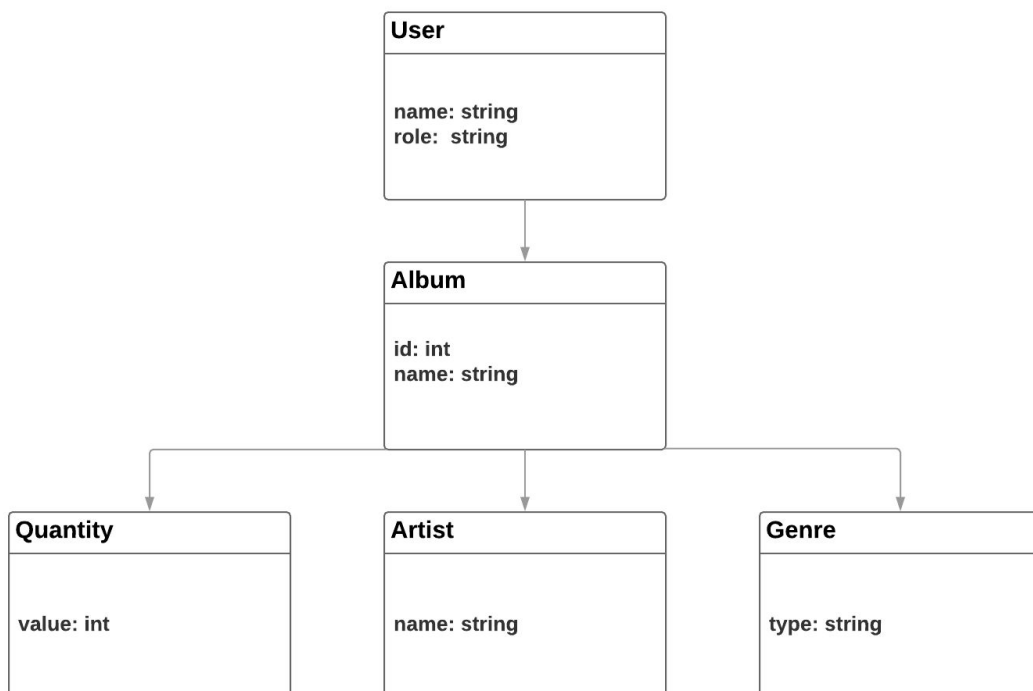
A use of case diagram

Use case diagram content:

- User
- Developer
- Add New Artist
- Add New Genre 0..*
- Add New Album
- Show Stock Level
- Maintenance
- Further Development
- Record Shop 0..*
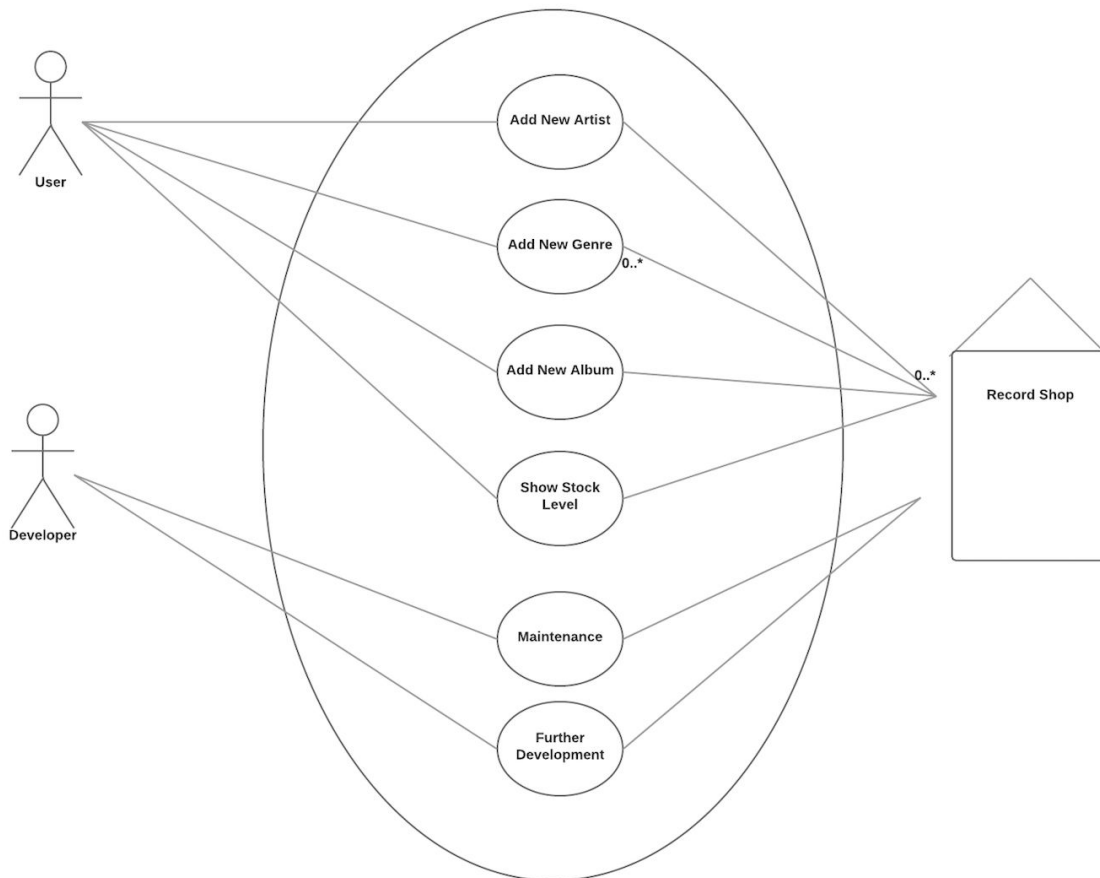
AD - 2 Create a Class diagram using your Use case diagram.

Shop

name: string

Album

id: int
title: string
quantity: int
artist_id: int
genre_id: int

save();
find_one();
find_all();
update();
delete_one();
delete_all();

Artist

id: int
name: string

save();
find_one();
find_all();
update();
delete_one();
delete_all();

Genre

id: int
type: string

save();
find_one();
find_all();
update();
delete_one();
delete_all();

AD - 3 Object diagram

User

name: string
role: string

Album

id: int
name: string

Quantity

value: int

Artist

name: string

Genre

type: string

AD - 4 Activity diagram