



كلية الحاسبات والذكاء الاصطناعي
Faculty of Computers & Artificial Intelligence



Software Engineering-2 Cover Sheet

Project Title:

Row Number (in PDF):

Time:

#	Member Name (printed in arabic)	Member Id (printed)	Handwritten signature
1	الاء فؤاد محمد محمد	20210169	
2	بسملة حسن جاد	20210223	
3	اسراء شعبان عبد الجواد	20210152	
4	فاطمه محمد ابو الحجاج	20210666	
5	اسامه وسام اسامه	20210144	
6	حبيبه احمد جلال	20210274	
7			

SRS	2	
SDD	2	
Validation	3	
OCL	4	
AOP	4	
Microservices	1	

Cloud	4	
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Project Requirements(grades)

AnimSTO

(Anime Website)

AnimSTO offers an unusual and extraordinary experience for anime fans around the world. Where it is the best website that has a collection of the newest AND OLDEST anime movies. In other words, it's the best place anime fans can go to.

Our website allows the user to browse all the movies and watch them for free without needing to pay for a subscription. The user can search for a particular movie that they would like or add one to their watch later playlist. Not also does our website offer everything anime, but also any genre of movies out there. Simply, we're the best.

Functional Requirements:

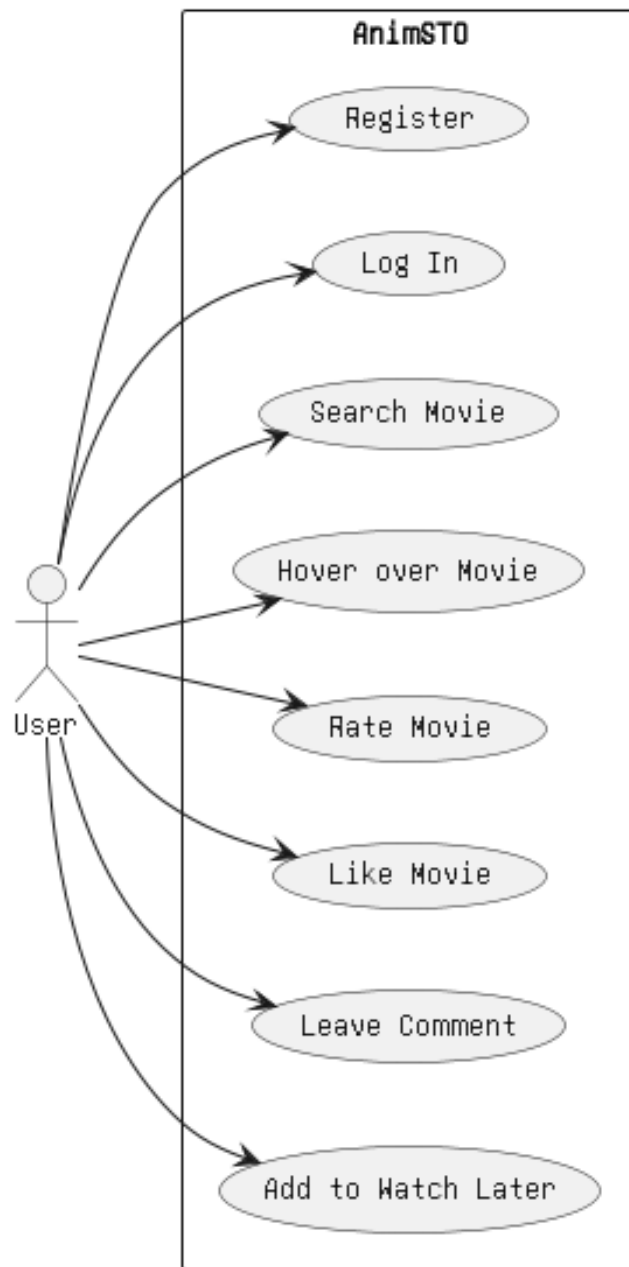
- Sign up
- Log in
- Search
- Hover
- Like
- Rate
- Comment
- Add to watch later

Non-Functional Requirements:

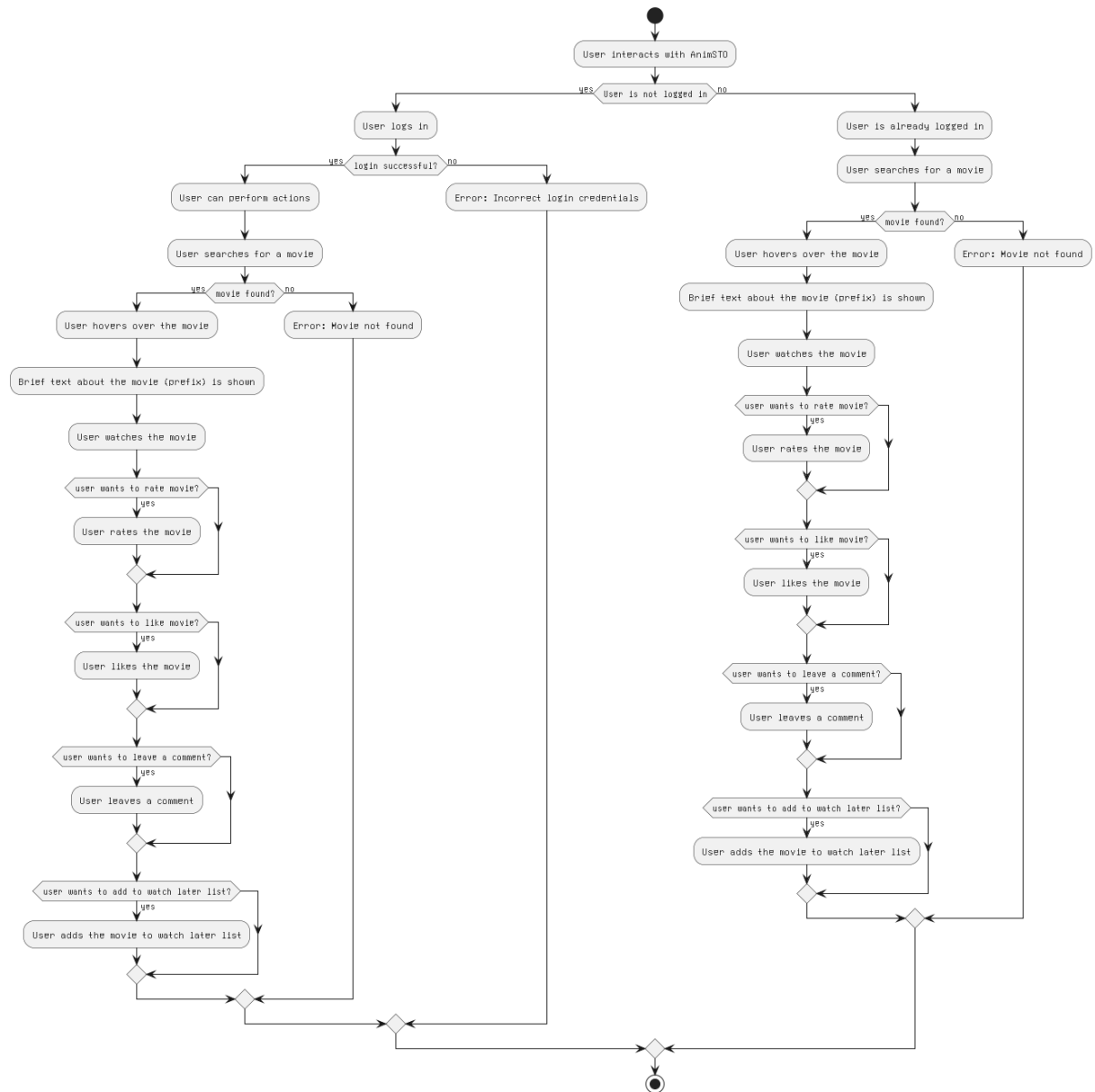
- Performance
- Security
- Compatibility
- Maintainability
- Interface

SRS:

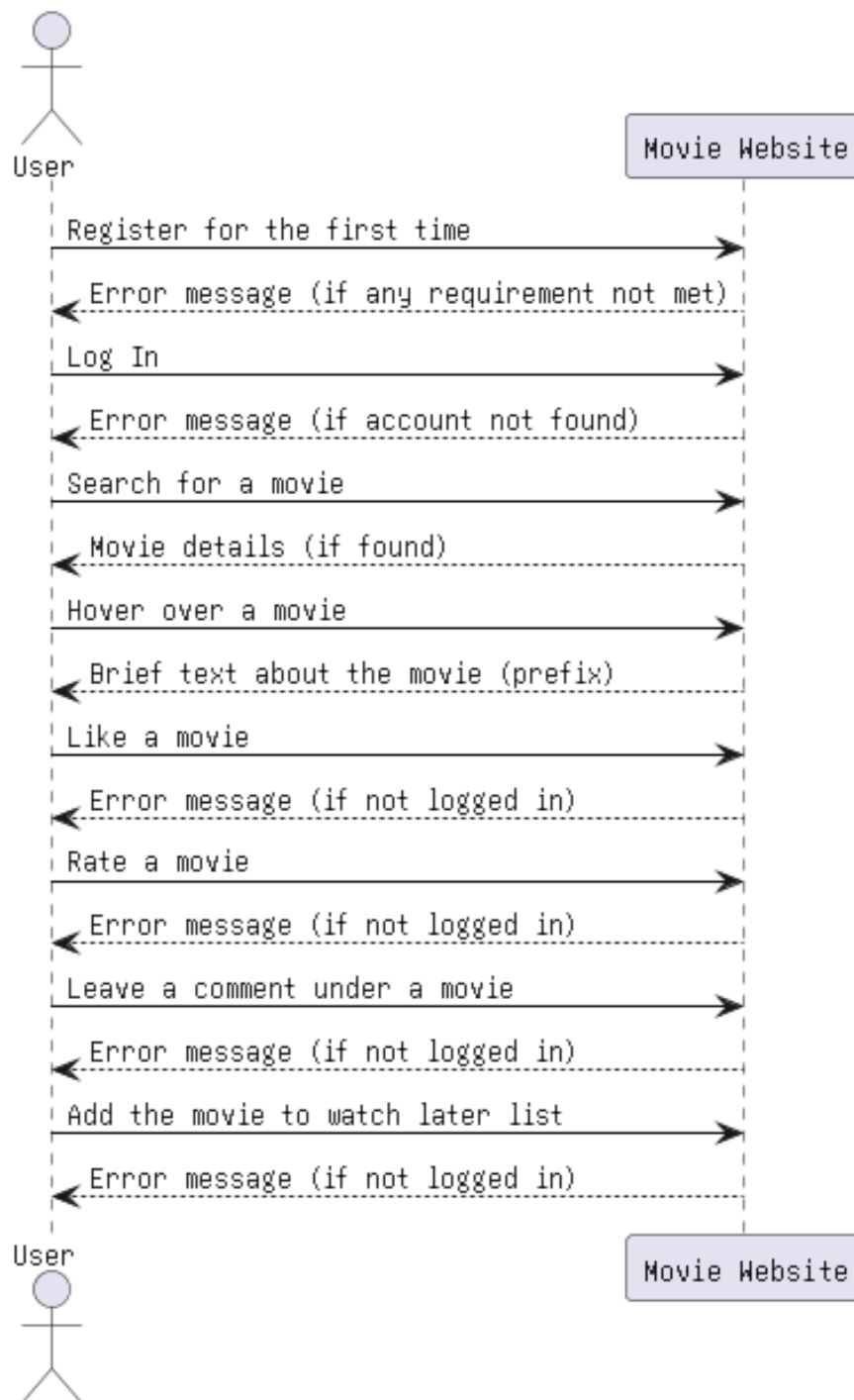
USE-CASE DIAGRAM:



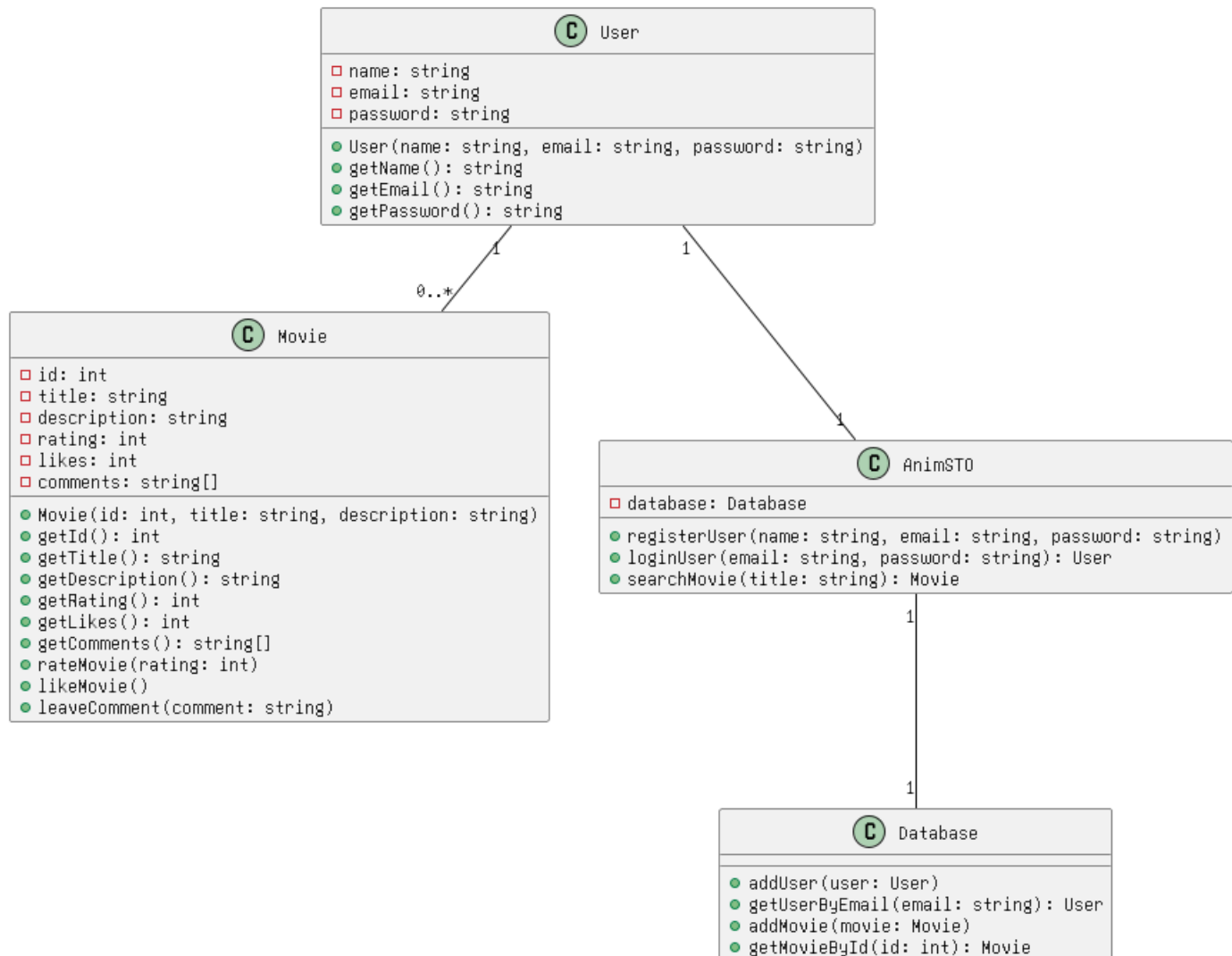
ACTIVITY DIAGRAM:



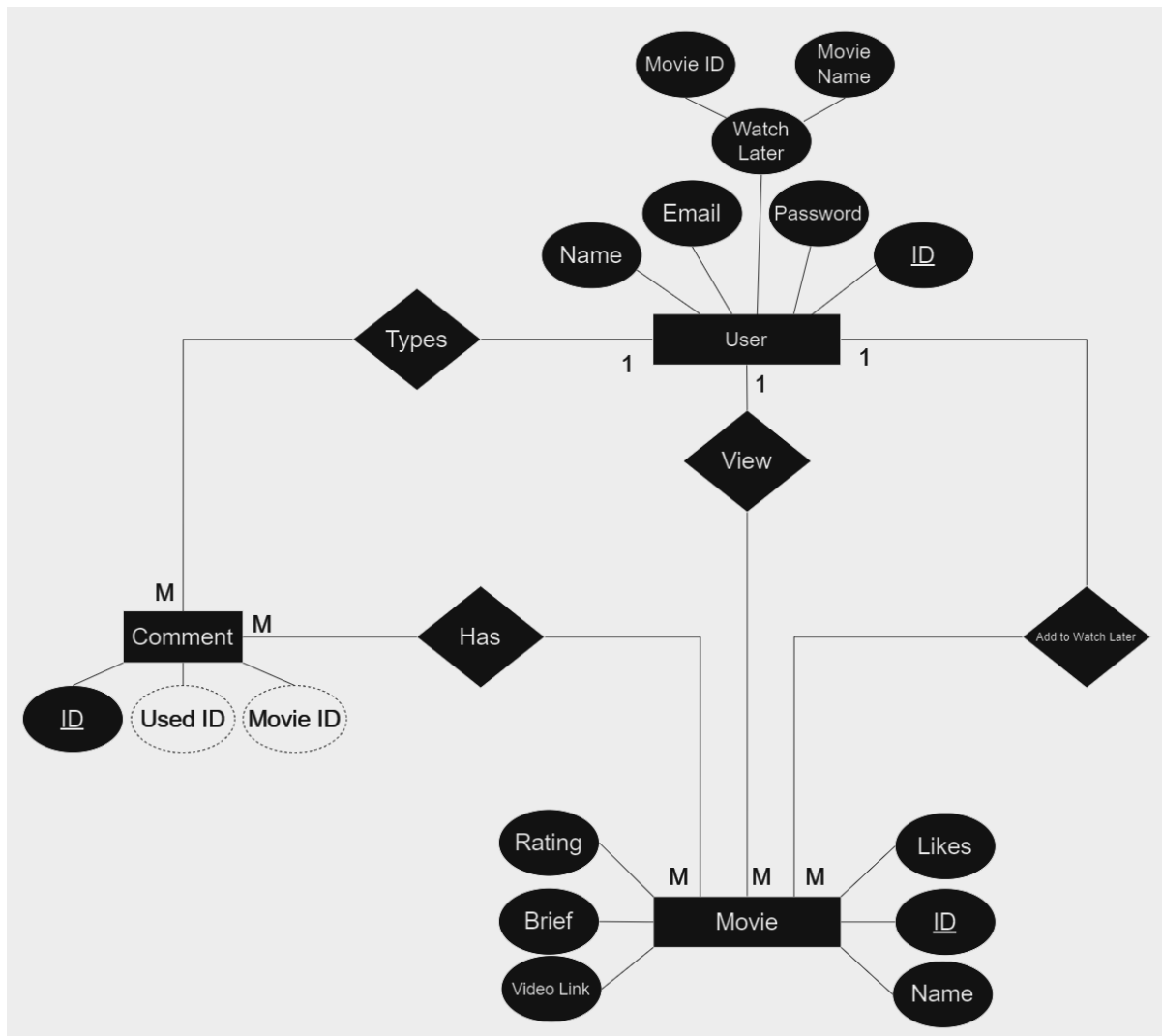
SEQUENCE DIAGRAM:



CLASS DIAGRAM:



ERD:



OCL:

```
context User
inv:
  self.name.size() >= 3 and self.name.size() <= 255 and not self.name.isEmpty() and
  self.email.matches('^([a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,})$') and not self.email.isEmpty() and
  self.password.size() == 8 and not self.password.isEmpty()

context Movie
inv:
  self.likes <> null and self.rating >= 1 and self.rating <= 5

context Comment
inv:
  not self.content.isEmpty()

context WatchLaterList
inv:
  self.movies->size() > 0
```

