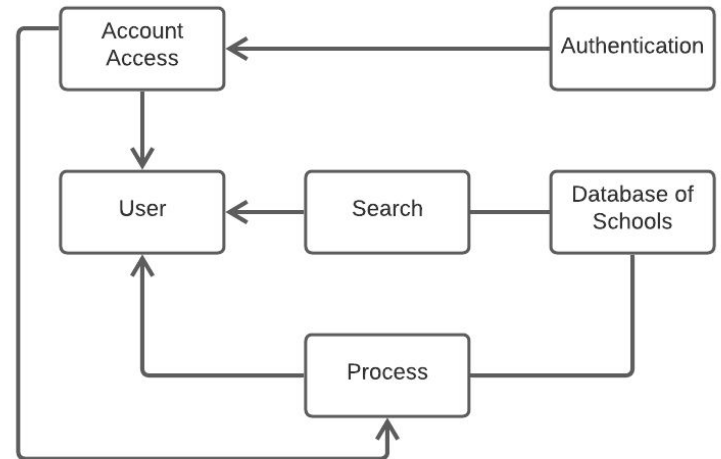# California Universities

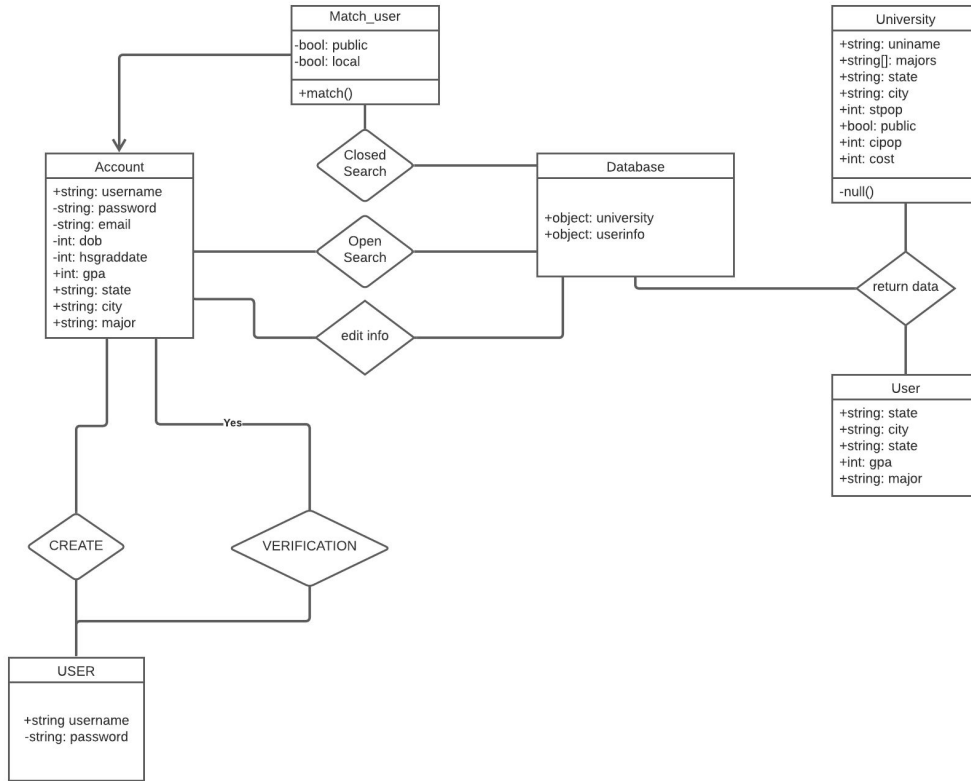Eric Solorio, John Villalta

Project Idea

1. Matching system for California Universities
2. Database for info on Cali Universities

UML

1. The user will visit the application
2. The user has the ability to make an account
3. Ther account has authentication(uniqueness)
4. The user can search the university database
5. When the user makes an account they mat...
6. ... with a university

E/R diagram

1. First entity is user login, we use 'verification' or 'create' processes
2. Account loads all information, uses 'open search' and 'edit info' with database
3. Match_user is an entity that depends on the info in Account
4. Database uses 'return data' with University and User entity
5. University and User are entities that have info

Match_user
-bool: public
-bool: local
+match()

University
+string: uniname
+string[]: majors
+string: state
+string: city
+int: stpop
+bool: public
+int: cipop
+int: cost
-null()

Account
+string: username
-string: password
-string: email
-int: dob
-int: hsgraddate
+int: gpa
+string: state
+string: city
+string: major

Database
+object: university
+object: userinfo

Closed Search

Open Search

edit info

return data

User
+string: state
+string: city
+string: state
+int: gpa
+string: major

Yes

CREATE

VERIFICATION

USER
+string username
-string: password

References

1. https://en.wikipedia.org/wiki/List_of_colleges_and_universities_in_California
2. https://www.careerprofiles.info/california-colleges.html