TEAM 32

Phase 1

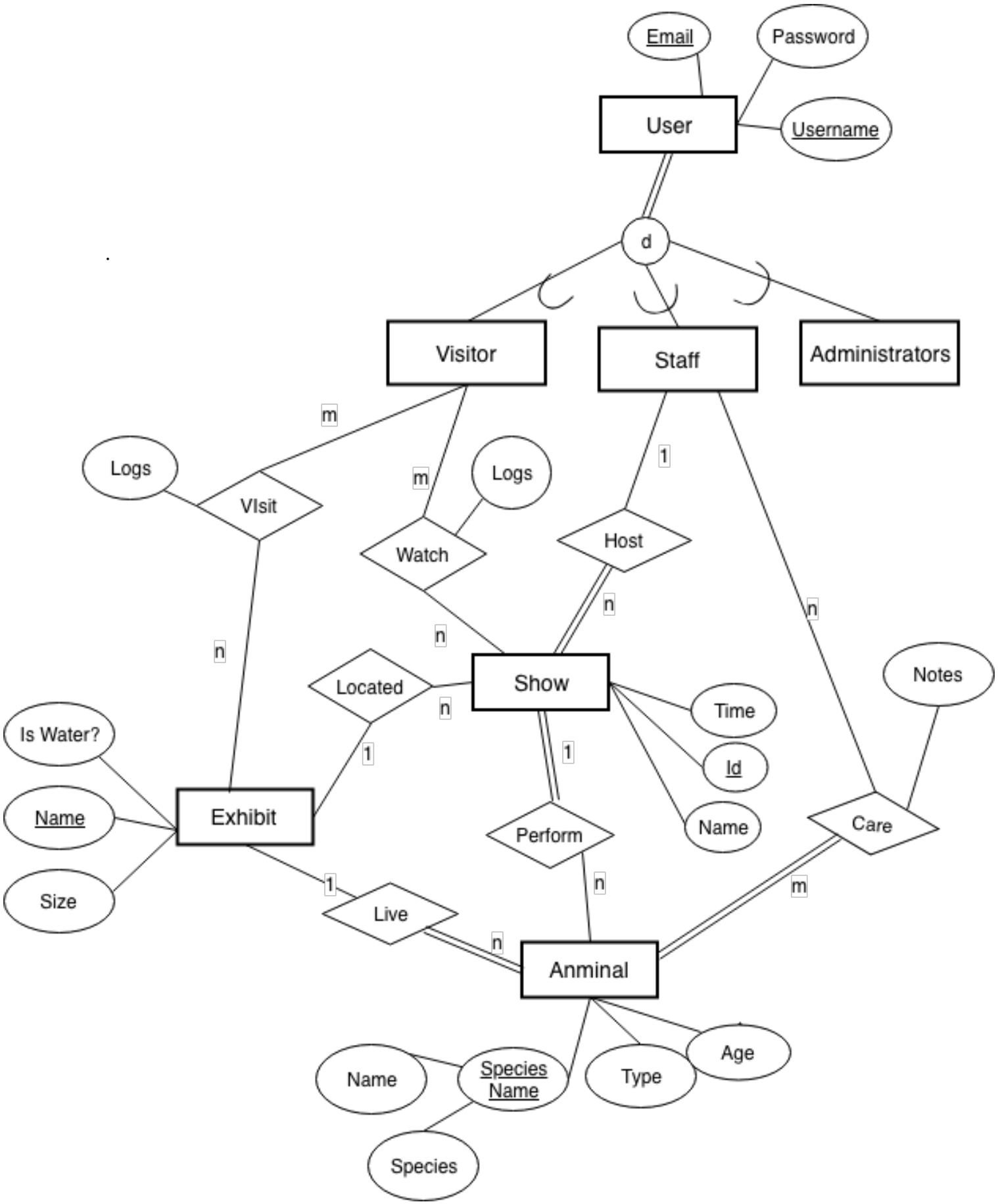
Robin Luo (hluo76)

Hanying Pan (hpan48)

Yiheng Qi (yqi72)

Zongyi Li (zli732)

Lu Tong (ltong39)


Email
Password
User
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Visitor
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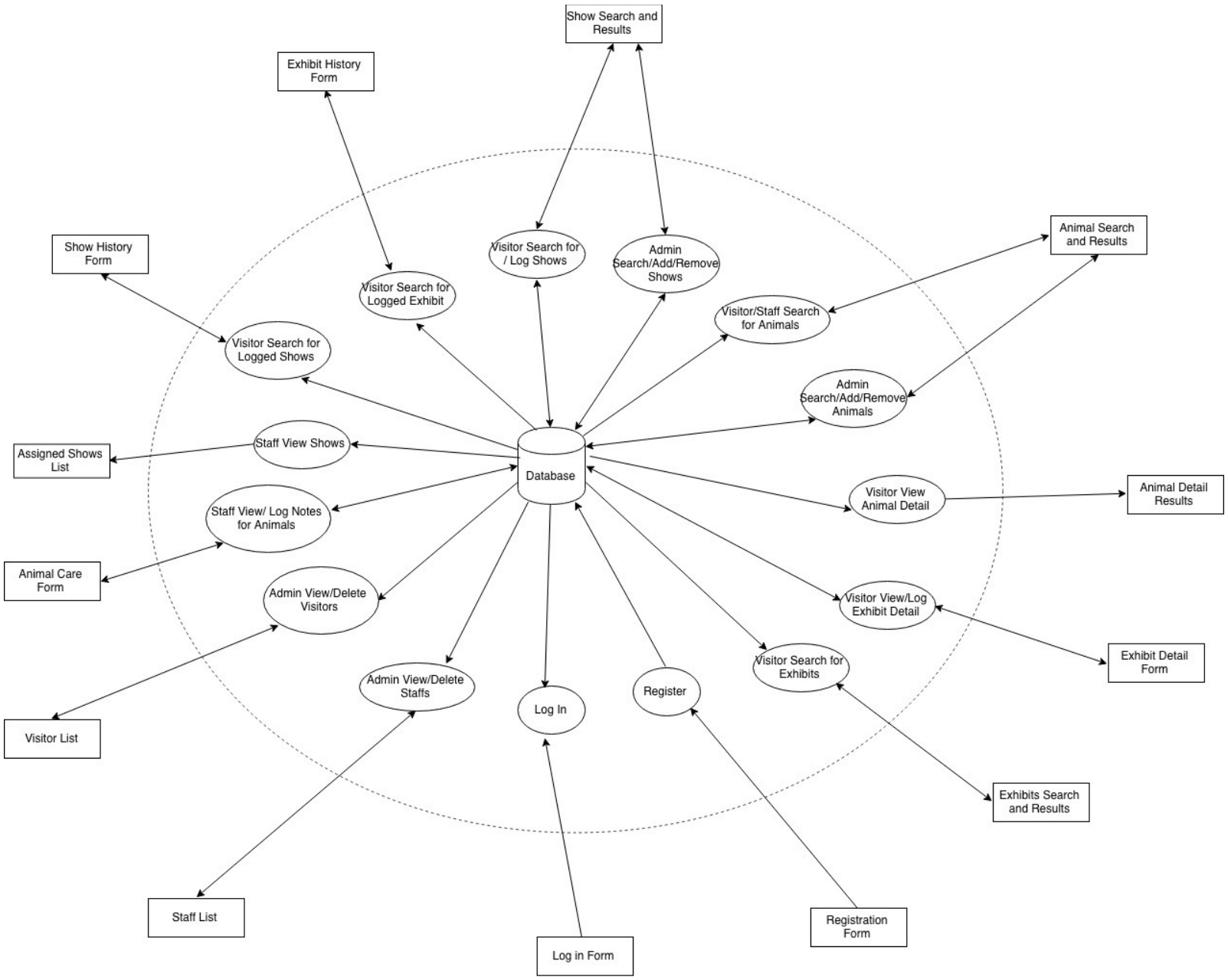
Show Search and Results
Exhibit History Form
Visitor Search for / Log Shows
Admin Search/Add/Remove Shows
Animal Search and Results
Show History Form
Visitor Search for Logged Exhibit
Visitor/Staff Search for Animals
Visitor Search for Logged Shows
Admin Search/Add/Remove Animals
Staff View Shows
Assigned Shows List
Database
Visitor View Animal Detail
Animal Detail Results
Staff View/ Log Notes for Animals
Animal Care Form
Admin View/Delete Visitors
Visitor View/Log Exhibit Detail
Exhibit Detail Form
Visitor Search for Exhibits
Admin View/Delete Staffs
Log In
Register
Visitor List
Exhibits Search and Results
Staff List
Registration Form
Log in Form

Logical constraints:

1. Number of shows at any time can not exceed number of staff.
2. A staff can not feed more than one animal at one time.
3. A visitor can not watch more than one shows or visit more than one exhibits at one time.
4. Number of animals in one show can not exceed number of animals in that exhibit.
5. Email must be the format with xxx@domain.net
6. Password must more than 8 characters
7. Password and confirm password must match
8. A user creation only can be visitor or staff
9. Animal Age must larger than 0
10. When visitors search the exhibits, the max value should larger than min value and min value should larger than 0
11. A staff member cannot host multiple shows at the same time

Assumption:

1. There is no such a situation where visitors cause overflow in the park
2. There are enough place for any number of visitors to watch a show
3. All animals, shows, exhibits have unique names/identity
4. Visitors only can search the show in the future time
5. Age of the animal should not larger than 9999
6. The type of the animals in the zoo all include in the type values which list on the database
7. The exhibit is large enough for several shows hold