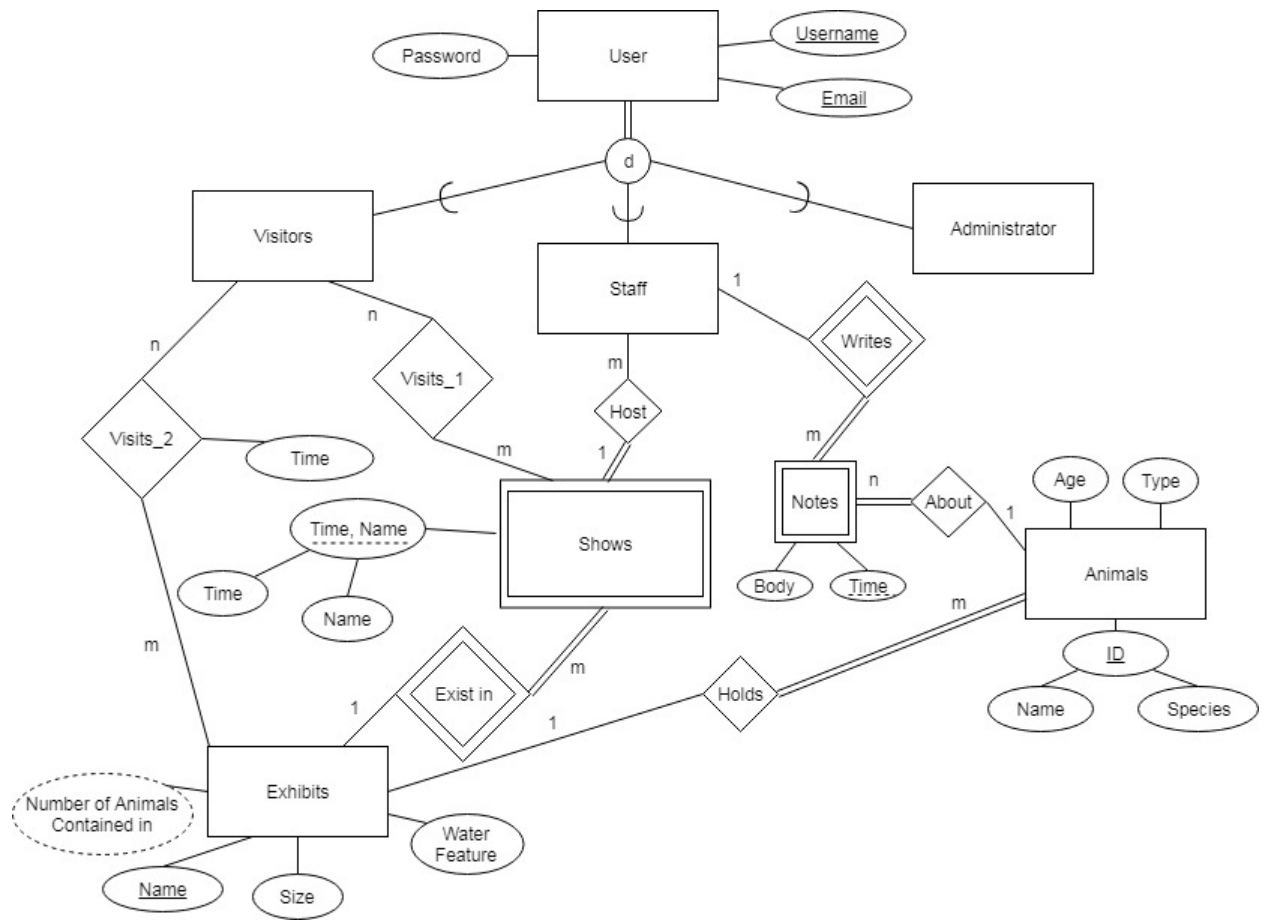


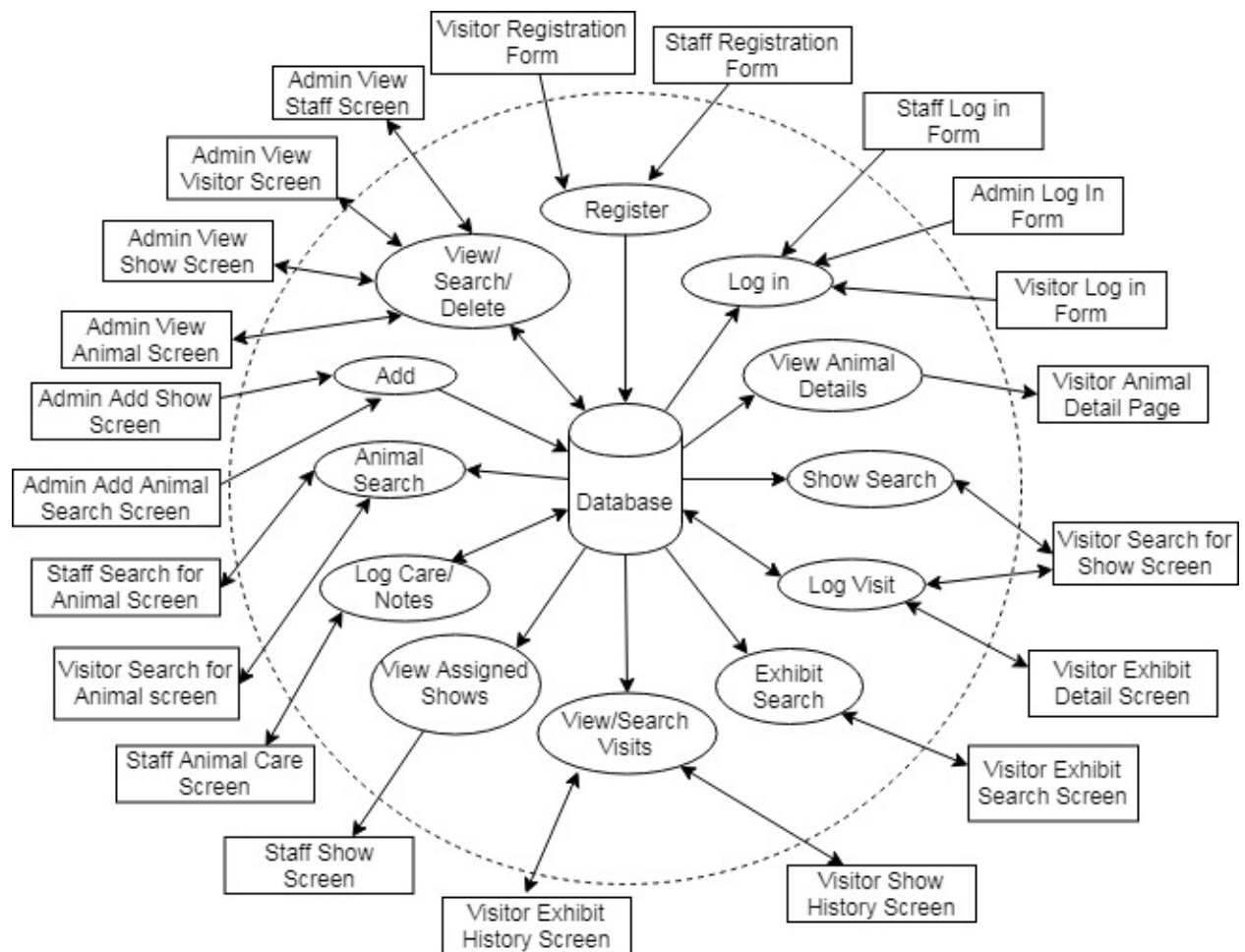


TEAM 17

Phase 1

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Logical Constraints

- Staff members cannot host more than one show at a specific time
- Administrator accounts are pre-populated and cannot be registered
- A visitor cannot log a visit to a show with a scheduled start time past the current time
- A visitor cannot log visits to two different shows that are scheduled to start at the same time

Assumptions

- Number of visits to an exhibit by a certain visitor can be calculated through an SQL query that counts the number of occurrences of the visits1 relationship to shows held in exhibits and visits2 relationships to exhibits.
- Permissions and GUI screens are built around subclasses; there are no permission attributes.
- Animal's individual ages will not be changed as time passes
- Number of animals in an exhibit is derived from the holds relationship between an animal entity and an exhibit entity