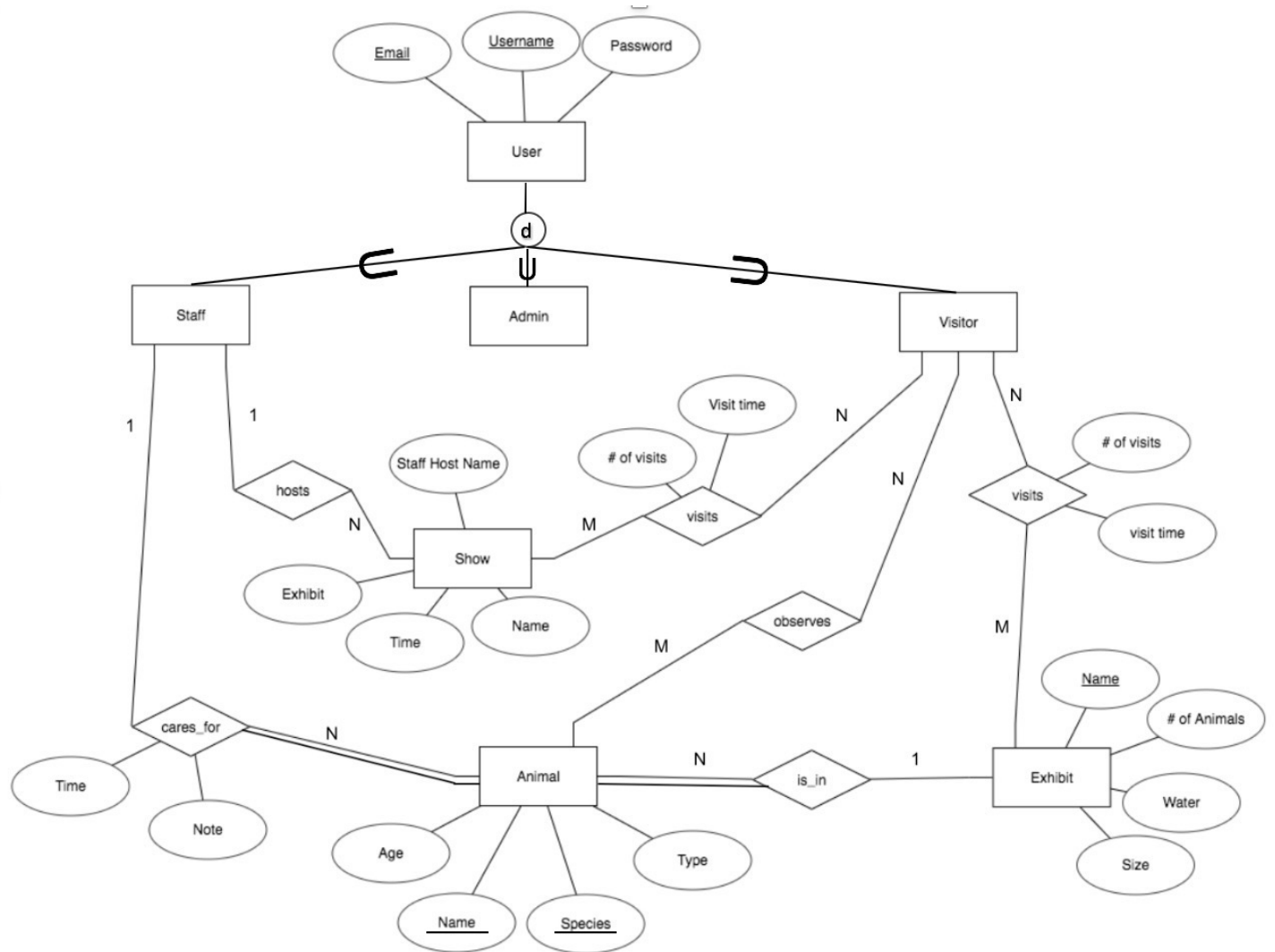


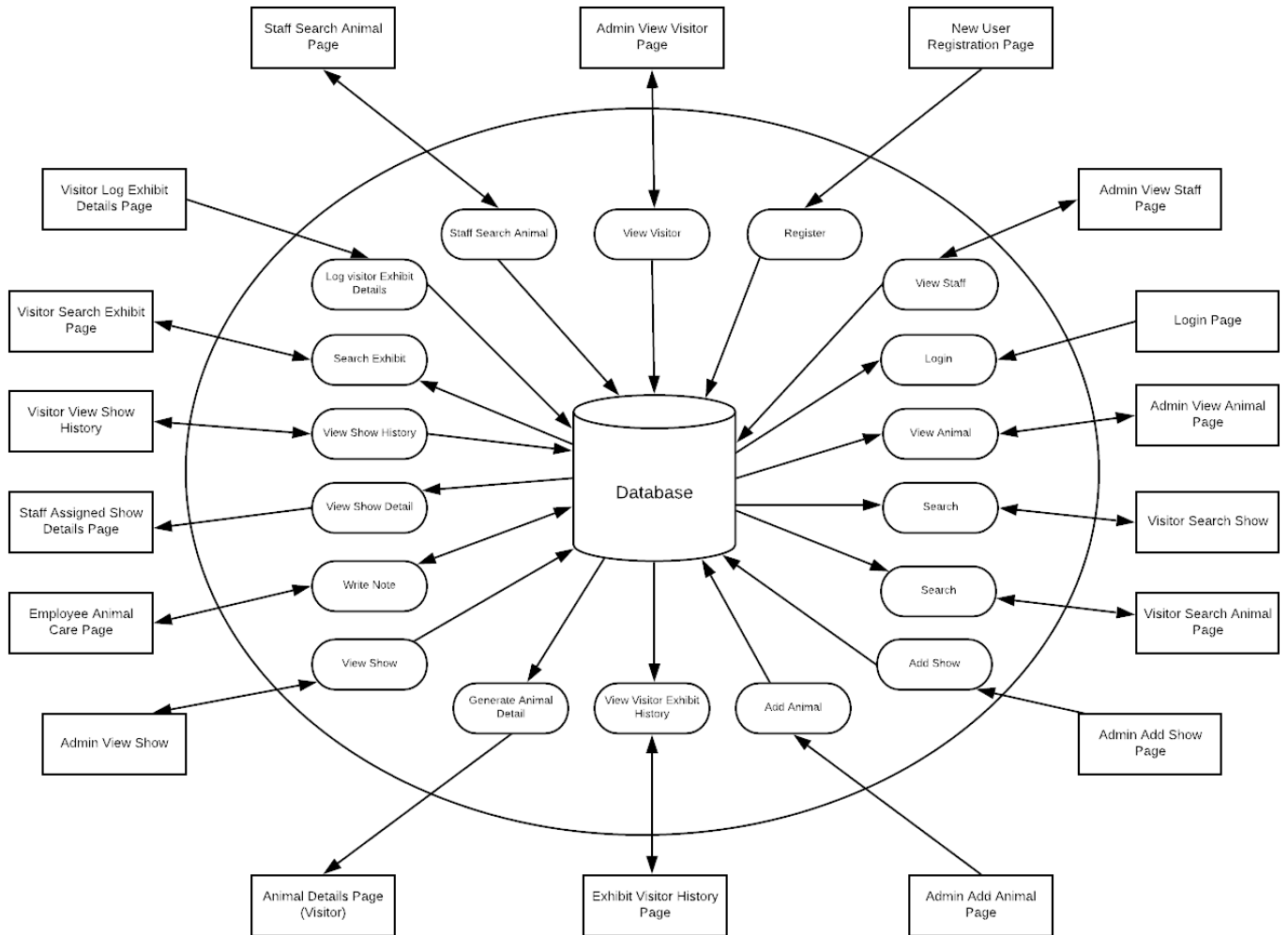


TEAM NUMBER 41

Phase 1

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Constraints:

- Staff can host multiple shows (at different times) but there can only be at most one host per show.
- The number of animals that are in exhibit must fit within the size of the exhibit.
- Visitors can not log a visit to a show that has passed, it will only work for show times that are before or at the current time they are attempting to make the log.
- Registered users can only be visitors or staff.
- New exhibits cannot be added and existing exhibits cannot be deleted.

Assumptions:

- A user can only be a visitor, staff or administrator although they all share the same login screen. An administrator is pre populated into the system so during the registration phase, a user can only register as a visitor or staff member.
- A user must have a combination of a username, email and password for their login. The email and username must be individually unique, not the combination of the 2. Passwords do not necessarily have to be unique.
- Staff can see the different animals that live at the zoo and add any animal care that the animal received from them. They can write as many notes to as many animals that they took care of (the system keeps track of which staff member added which note). Staff members can view the care for all animals, regardless of if they added the note or not.
- An admin can remove a visitor account, a staff account, shows or animals which deletes all information about that staff member, visitor, show or animal from the database.
- An admin can add a new animal and all of their details to the database.
- An admin can add a new show to the database which needs one and only one host where each staff member can only host one show at a time although multiple shows can occur at the same time within the exhibit.
- There is no possibility of having multiple animals with both the same species and the same name.
- Visitor search task is mutually exclusive from Staff search task, hence they are treated as different pages.