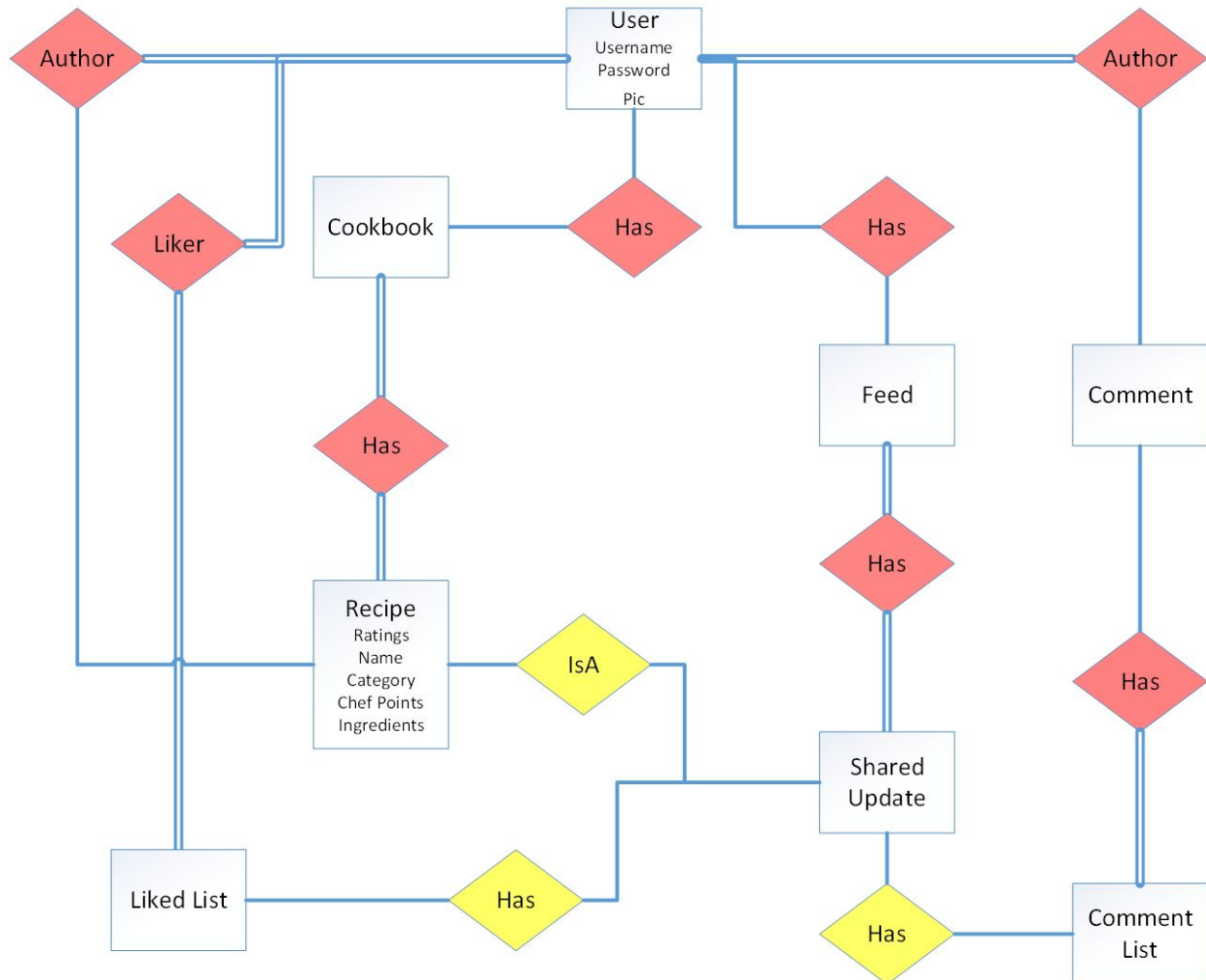


Team Lemato

CS-326 Web Programming

October 27th, 2016

SA-4 Entity-Relationship Diagram



Relationships: yellow relationships are embeddings, red ones are references

Quantities: a double line is n, a single line is 1.

1. Entities:

User: A unique user in our database. Each user will have their own username, password, and profile pic. Users are able to like recipes and comment on posts in their feed.

Cookbook: Each user will have a cookbook and each cookbook has only one user.

Recipe: A unique recipe in our database. Each recipe will have their own name, ratings and chef points. A cookbook has multiple recipes and a recipe belongs to multiple cookbooks.

Feed: Every user will have a feed which will list a user's shared updates.

Shared Update: A shared update is a recipe that has been posted by a user on their feed.

Comment: Every shared update can have comments on it. Users can comment on recipes to give their feedback.

Comment List: A comment list contains a list of comments.

Liked List: a list of users that "liked" a recipe. Liked List contains multiple users, and a user can be in multiple Liked List.

2. Page/widget usage of the entities:

Advanced Search: searches for a recipe by its category, ingredients, dietary restraints/allergies.

Cookbook: lists the recipes saved in a user's cookbook.

Home: is the Feed. It lists recent shared updates and most popular recipes based on their ratings.

New Recipe: allows a user to create a new recipe.

Results: lists recipes resulted from a user's search.

Settings: allows a user to change their properties (username, password, pic).

Share: creates a user's shared update

Sign Up: creates a new user account