

CS 301 Phase I - Group 2

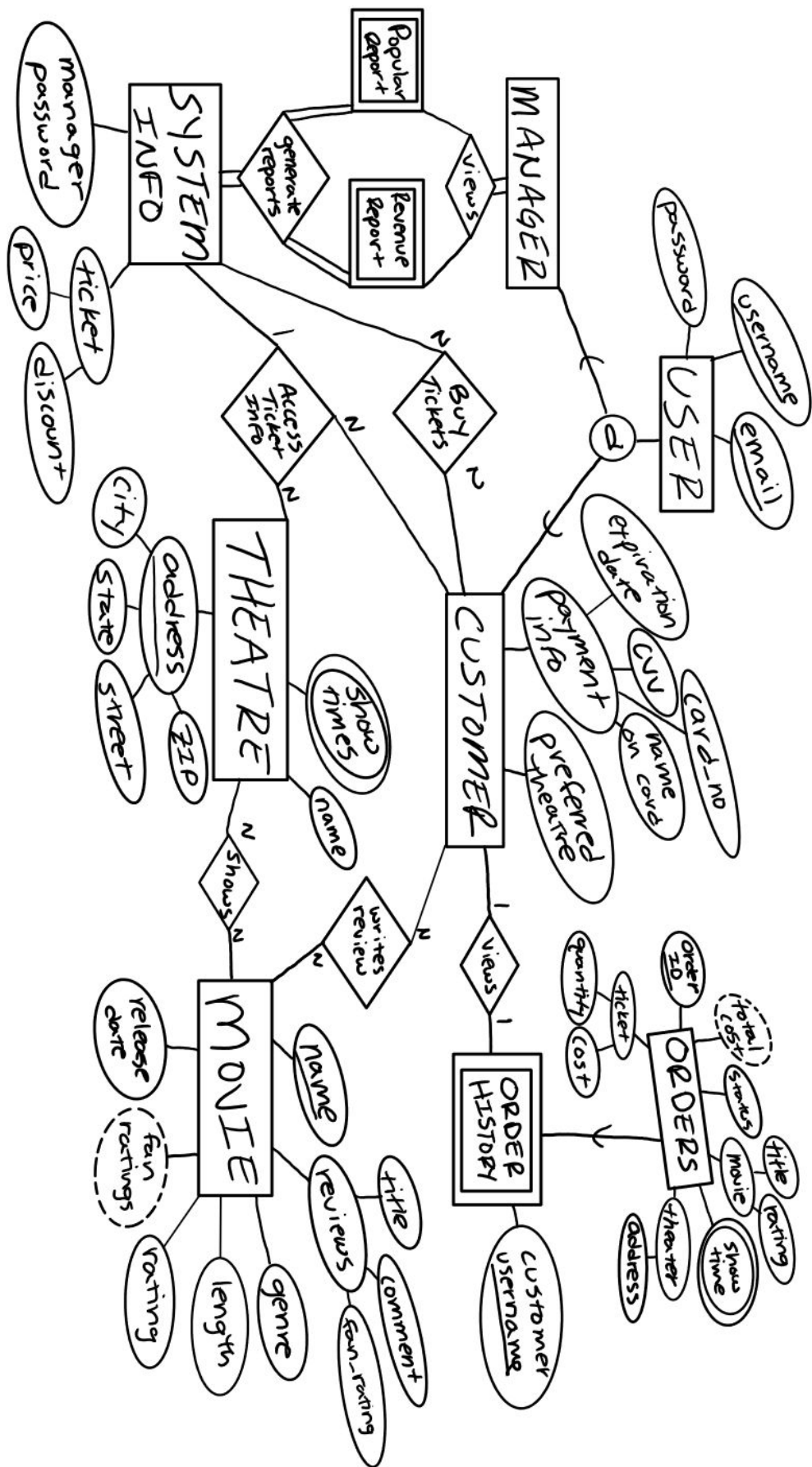
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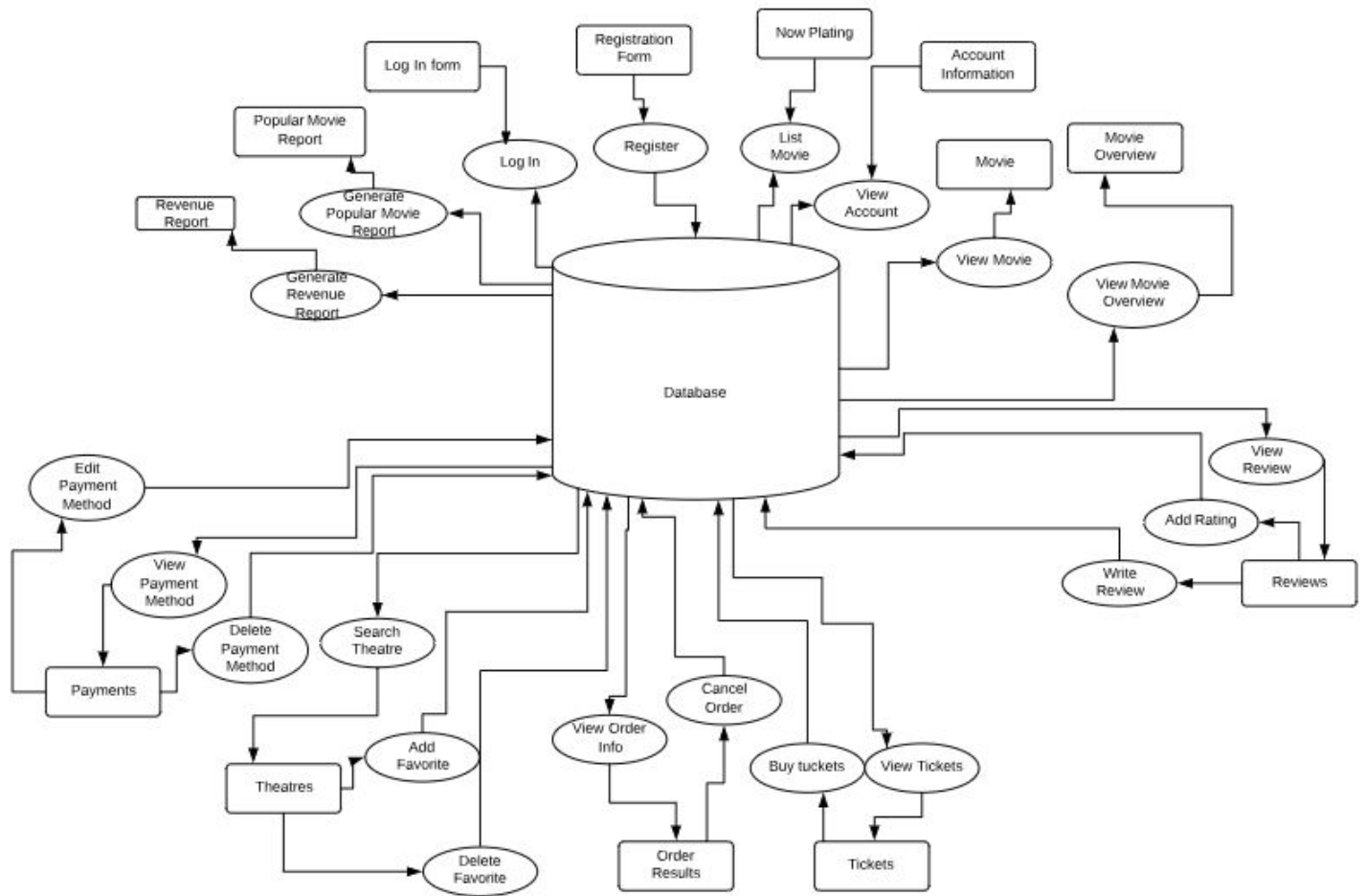
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Enhanced Entity Relationship Diagram



Information Flow Diagram



Logical Constraints

- All users must login before using the application.
- A valid username and password are needed for a successful login.
- Managers are required to enter the manager password to register as a manager.
- A movie must have a rating of G, PG, PG-13, R, NC-17.
- A rating from a customer must be a whole number between 1 and 5.
- Title and Rating must be filled in a review.
- Customers must have seen the movie to give a review.
- A ticket's type must be either an adult, child, or senior

Assumptions

- Movie name is unique so movies can be identified easily
- Theaters cannot sell more tickets than what is available