Jersey Review Website Database

Mission Statement

The purpose of the Jersey Review Website database is to collect/gather soccer teams jersey information for soccer fans, so they have a centralized application where they can review, rate and access links to purchase these jerseys.

Mission Objective

* Provide a list/collection of jerseys for different soccer teams.
* Store user reviews and ratings for jerseys on the application
* Store application user information.
* Provide affiliate links to users to make purchases externally.

Entity Relationship Model

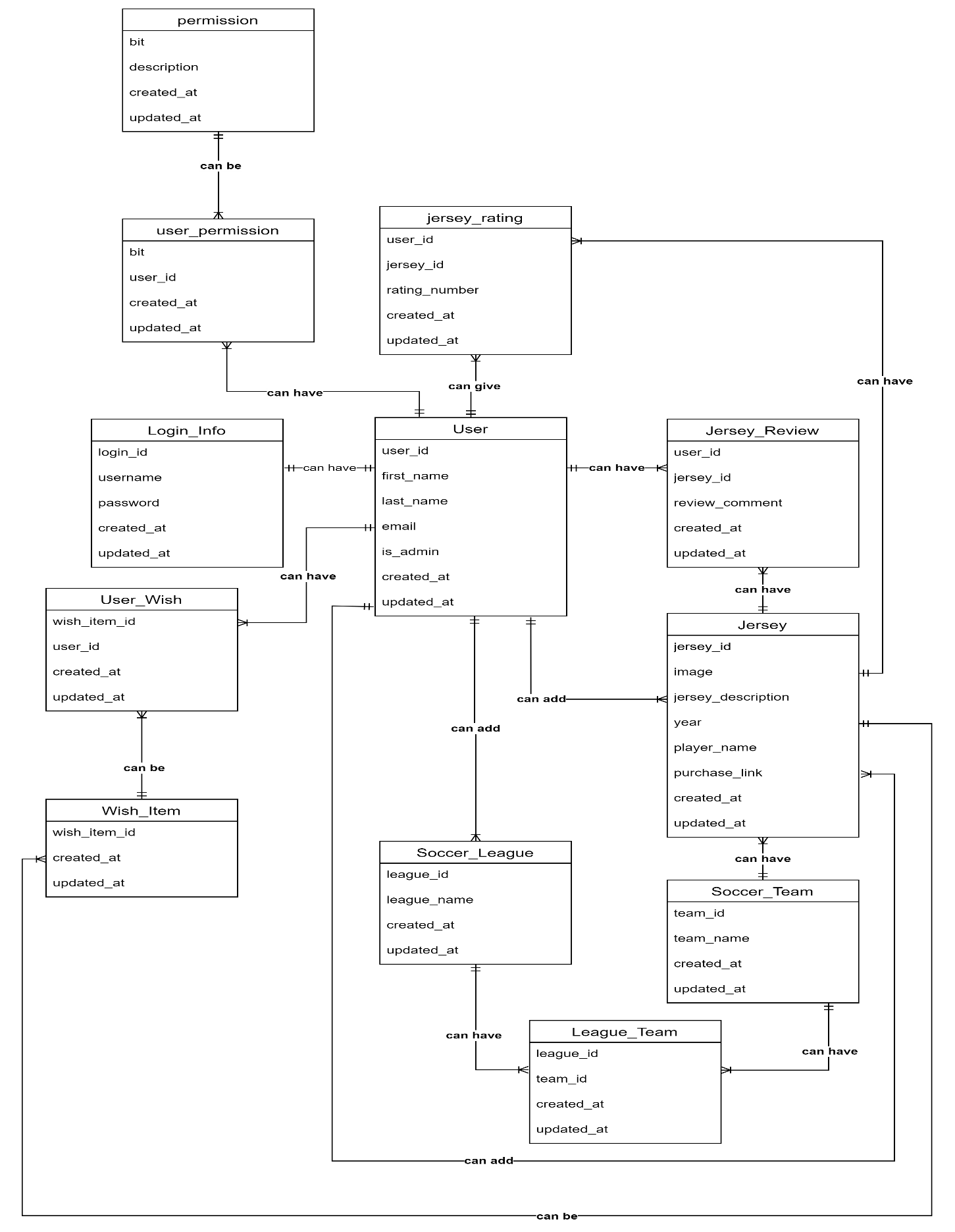
I am building a database to collect/store soccer teams jersey information. The requirements analysis identified that I would need the following entities:

* User
* Soccer Team
* Soccer League
* Jersey
* Jersey Review
* Jersey Rating
* Wish Item
* Login Information
* Permissions

The relationships between these entities have been identified as follows:

* A **User** can add one or more **Jerseys** to the collection; A **Jersey** can be added by one and only one **User.**
* A **User** can add one or more **Soccer Team**; A **Soccer Team** can be added by one and only one **User.**
* A **User** can add one or more **Soccer League**; A **Soccer League** can be added by one and only one **User.**
* A **User** can add one or more **Players**; A **Player** can be added by one and only one **User.**
* A **User** can have one or more **Wish Items**; A **Wish Item** can be for one or more **Users.**
* A Soccer **Team** can have one or more **Soccer League**; A **Soccer League** can have one or more **Soccer Team.**
* A **Soccer Team** can have one or more **Jerseys**; A **Jersey** can be associated with one and only one **Soccer Team.**
* A **Jersey** can have one or more **Jersey Reviews**; A **Jersey Review** can be for one and only one **Jersey.**
* A **Jersey** can be for one or more **Wish Items**; A **Wish Item** can have one and only one **Jersey.**
* A **Jersey** can have one and only one **Jersey Rating**; A **Jersey Rating** can be for one and only one **Jerseys.**
* A **User** can give one or more **Jersey Reviews**; A **Jersey Review** can have one or more ratings by Users**.**
* A **User** can give one or more **Jersey Rating;** A **Jersey Rating** can have one or more rating by **Users.**
* A **User** can have one and only one **Login Information; Login Information** can be for one and only one **User.**
* A **User** can have one and only one **Login Information; Login Information** can be for one and only one **User.**
* A **User** can have one or more **Permissions**; A **Permission** can be assigned to one or more **Users.**

Entity Relationship Diagram



Relational Model

* User (user\_id, first\_name, last\_name, email, is\_admin(fk) created\_at, updated\_at)
* Soccer\_Team (team\_id, user\_id(fk), team\_name, created\_at, updated\_at)
* Soccer\_League (league\_id, user\_id(fk) league\_name, created\_at, updated\_at)
* Jersey (jersey\_id, user\_id(fk), team\_id(fk), image, jersey\_description, year, player\_name, purchase\_link**,** created\_at, updated\_at)
* Jersey\_Review (user\_id(fk), jersey\_id(fk), review\_comment, created\_at, updated\_at)
* Jersey\_Rating (user\_id(fk), jersey\_id(fk), rating\_number, created\_at, updated\_at)
* Wish\_Item (wish\_item\_id, user\_id(fk), jersey\_id(fk), created\_at, updated\_at)
* Login\_Info (login\_id, user\_id(fk), username, password, created\_at, updated\_at)
* Permissions (permission\_id, description, created\_at, updated\_at)
* League\_Team (league\_id(fk), team\_id(fk) , created\_at, updated\_at)
* User\_Permissions (user\_id(fk), bit(fk) , created\_at, updated\_at)
* User\_Wish (wish\_item\_id(fk), user\_id(fk) , created\_at, updated\_at)