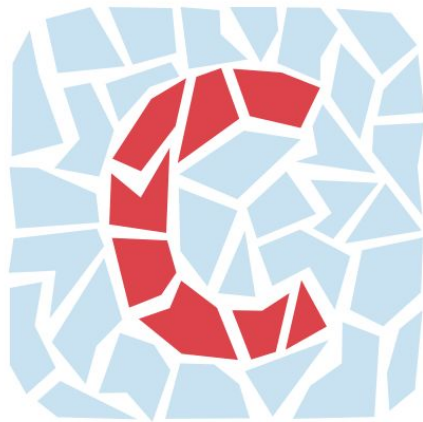


Cosaic

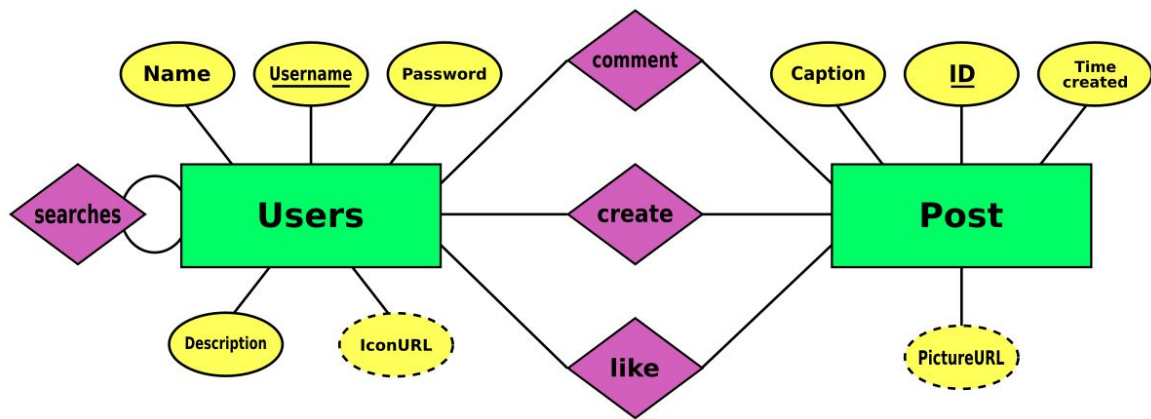
Team #38



Project Data Model & DB Design Document

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CS 157A Team #38 ER Diagram



The Users entity has 3 attributes that define it which are username (key), name and password. It has a relationship with itself as users are able to search for other users. It then has a relationship with posts in a sense that users can create their own posts, or like/comment on other users posts. Lastly, all Users have their own profile with description and iconURL attributes (iconURL being derived from the username).

Each Post entity has a caption, time created, pictureURL and ID attribute. This entity can be defined by its ID attribute, which is used to calculate the pictureURL attribute.