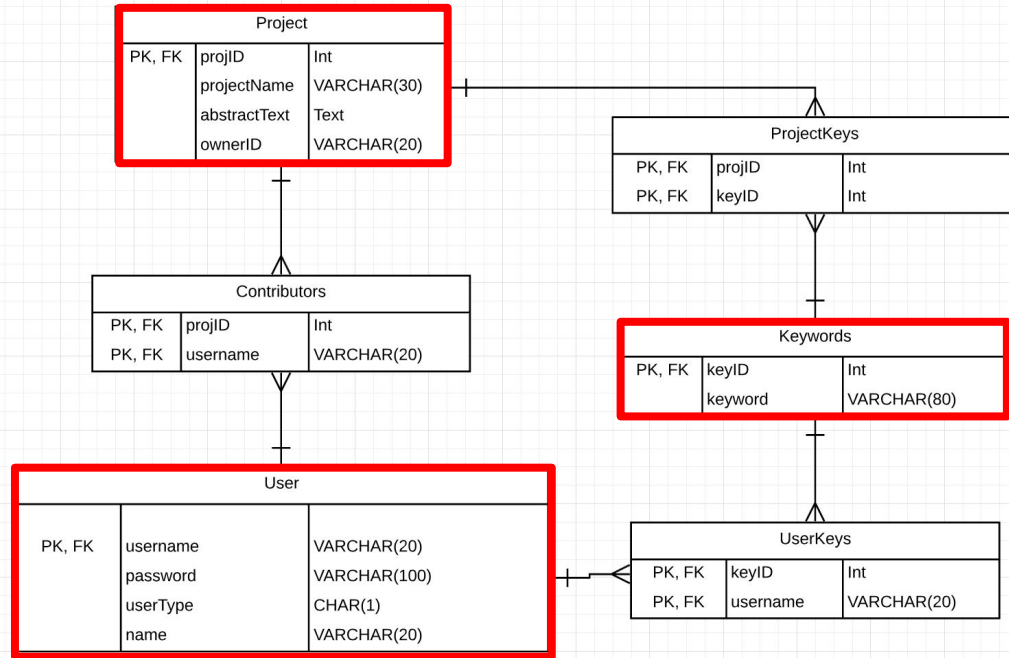# Faculty Research Database

Lowell Pence, Campbell Schweickhardt, Vincent Cheng

Key Data Layer Features

- 3 important tables (Users, Projects, and Keywords)

Project

- Our data layer includes functionality so that every aspect of a project can be edited, retrieved, created, and deleted where appropriate.
- Only faculty can create projects and edit/delete their own projects.
- Anyone can query the database for projects by name, keyword, owner, or contributor.

User

- There are student and faculty users.
- Admin users have a unique functionality to create and alter user info (similar to RIT accounts)
- You may find a user by looking up a project they may be associated with, a keyword they may be associated with, or their name/ username/ user type.

Keywords

- There are many keywords created by faculty when they create a new project.
- Each faculty and student user account can have any number of associated keywords.