

Jeremy Elder

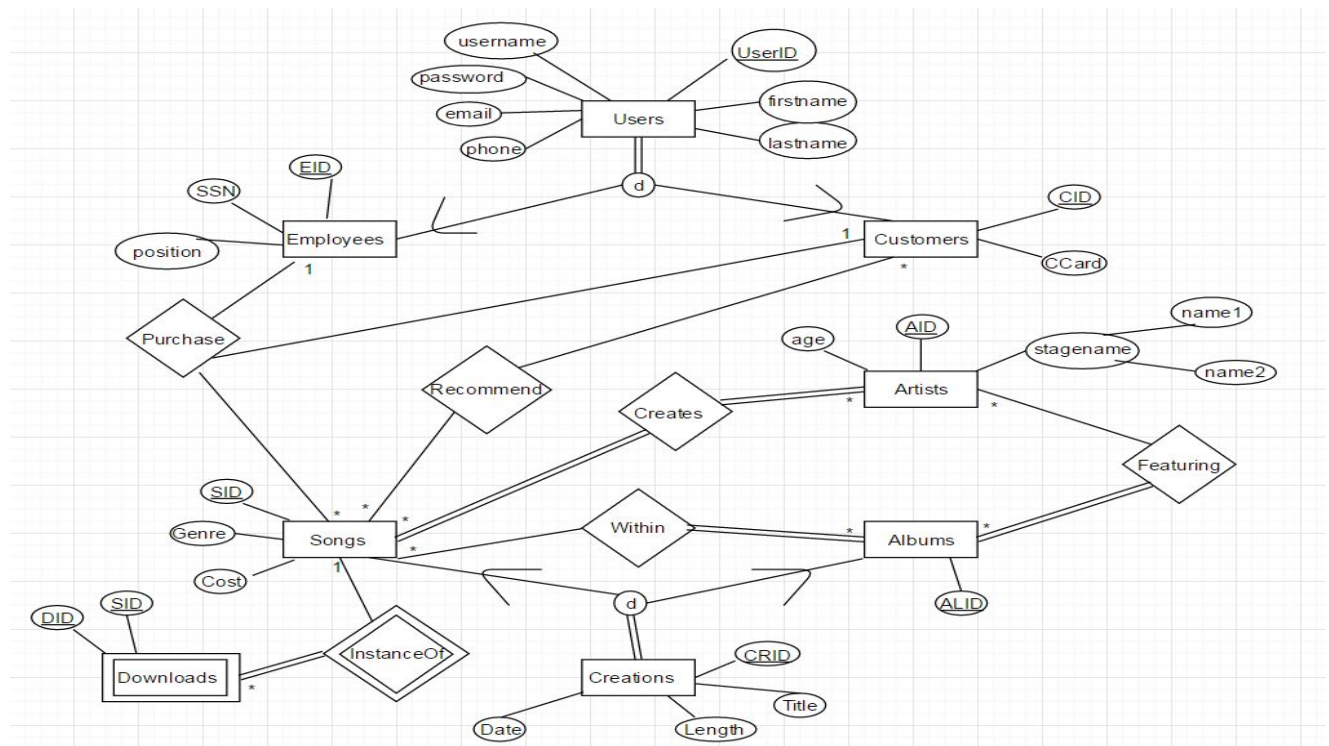
Tommy Murphy

David Diaz

Fatimah Alowa

Groovy Music

Original ER Diagram

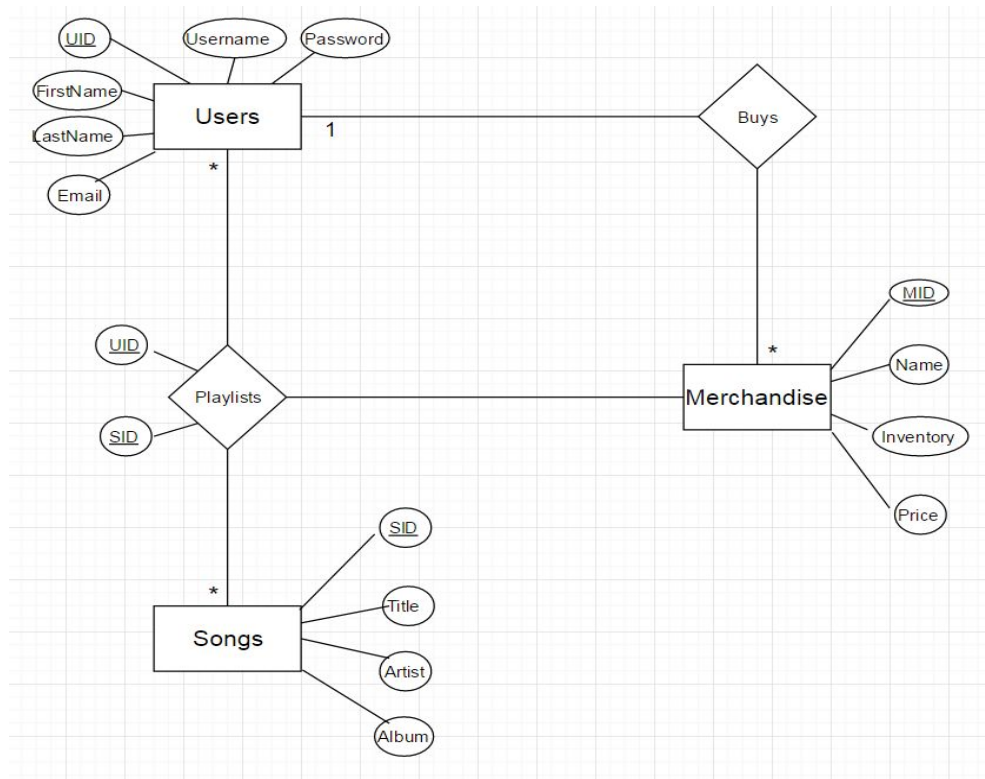


Changes Reasoning

- Ultimately we changed the concept from purchasing songs and holding robust song-related information to playing songs in a playlist and buying merchandise
- None of our members had significant web/PHP experience; the original ER would have added complexity that may not be feasible at this time

- Through normalization processes as well as integrating our newer concept, we concluded that many relationships and entities were unneeded
 - Examples: No employees need to oversee the site (all automated); artists and albums could just be attributes of songs for the purpose of our website

Updated ER Diagram



Team Members Contributions

- Jeremy: Brainstorming, ER Diagram (Before/After), Normalization, Topic Presentation, Demo Powerpoint
- David: Brainstorming, Coding (PHP/SQL via XAMPP), Topic Presentation
- Tommy: Brainstorming, Front-end design (Bootstrap/HTML), back-end coding (PHP), Coding (PHP/SQL via XAMPP), Normalization, Topic Presentation, readme, GitHub set-up, SQL Queries
 - Coded front-end and back-end of web application
 - Designed and coded the following pages in conjunction with Bootstrap framework and PHP:
 - Connection.php, editUser.php, home.php, index.php, login.php, loginprocess.php, removeSong.php, signup.php, songlist.php, songlistProcess.php, userPlaylist.php, users.php
 - Wrote vast majority of SQL queries and initialized/set-up mySQL database with the use of XAMPP
- Fatimah: Brainstorming, Topic Presentation

Teamwork Contributions:

- Communicated via Slack and mobile group chat
- Utilized GitHub to collaborate on web application design and coding
- Met when project began to get a feel for the architecture of the project and the ER diagram (Tommy, Fatimah, Jeremy, David)

- Group meeting to research Topic Presentation and complete presentation (Tommy, Fatimah)
- Met again to complete Topic Presentation (Tommy, Fatimah, David, Jeremy)
- Met to rehearse the Topic Presentation (Tommy, Fatimah, David, Jeremy)
- Met to rehearse Demo and Demo presentation (Tommy, Fatimah, David, Jeremy)

GitHub/Coding Contributions

GitHub link: <https://github.com/temurph1/ser322-FinalProject-Music>

Commits: <https://github.com/temurph1/ser322-FinalProject-Music/commits/master>

Contributions: <https://github.com/temurph1/ser322-FinalProject-Music/graphs/contributors>