

Group 14 Project Report

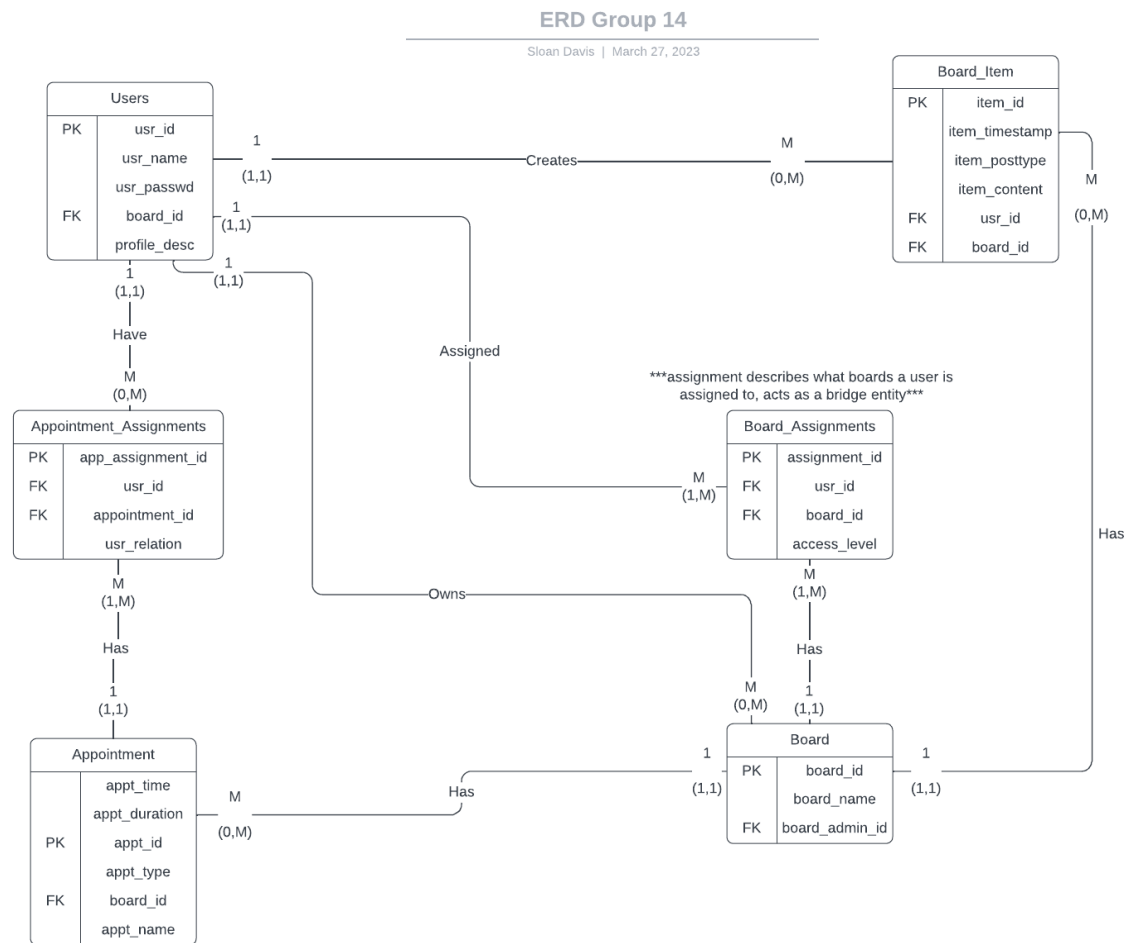
The Project Management System

CSCE 310

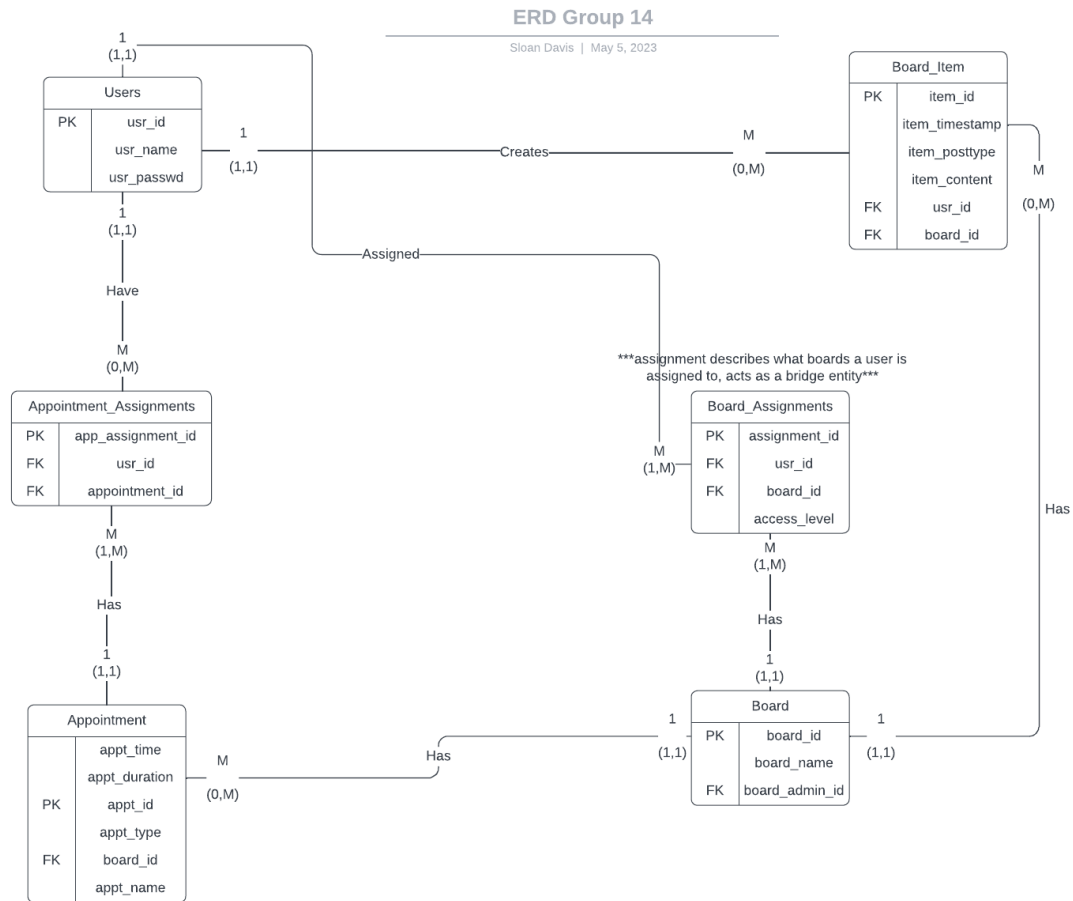
Group Members: Sloan Davis, Srikar Potlapalli, Logan Talton, Justin Heger

Project Design Changes:

Original ERD



New ERD



Explanation of Changes

All of the changes we made to the original ERD had the purpose of removing bloat that we did not need to implement the desired functionality and feature sets.

We removed `board_id` and `profile_desc` from the users table. Now that users can have multiple boards, they do not need a `board_id`. We also determined that a profile description was not necessary to implement the required feature sets or facilitate a project management board.

We also removed `usr_relation` from `appointment_assignments` as this is taken care of by the `access_level` in `board_assignments`.

Project Files

1. `appointmentsEditor.php` - Sloan Davis
2. `appointmentsViewer.php` - Sloan Davis
3. `comments.php` - Srikar Potlapalli

4. itemsEditor.php - Sloan Davis
5. itemsViewer.php - Sloan Davis
6. style.css - All members
7. db_login.php - Sloan Davis
8. head.php - Sloan Davis
9. header.php - Sloan Davis
10. add_board_users.php - Logan Talton
11. board.php - Sloan Davis & Logan Talton
12. create_account.php - Justin Heger
13. create_board.php - Justin Heger & Sloan Davis
14. dashboard.php - Justin Heger
15. delete_account.php - Justin Heger & Sloan Davis
16. delete_board.php - Justin Heger
17. index.php - Justin Heger
18. login.php - Justin Heger

Additional group members may have made edits or bug fixes to files, if so, it will be listed at the top of the file in the Github Repository.

Functionality Sets

Set 1 - Login and Signup: Justin Heger

1. Create account (add)
2. Edit account username (update)
3. Delete account and related information (delete)
4. Create boards
5. Access boards

Set 2 - Board User Management: Logan Talton

1. Add user to board (add) (uses a view)
2. Update user board permissions (update)
3. Remove user from board (delete)
4. Insure that this functionality is only available to board admin
5. View who is on a board

Set 3 - Board Items and Board Appointments: Sloan Davis

1. Add board items (add)
2. Update board items (update)
3. Remove board items (delete)
4. Add board appointments
5. Update who is invited to the appointment (uses a view)
6. Remove appointments
7. Display correct controls depending on user permissions on board
8. View items and appointments on board

Set 4 - Board Comments: Srikar Potlapall

1. Add board comments (add)
2. Allow user to update their own board comments (update)
3. Remove board comments (delete)
4. Make sure that only the authorized user can perform these actions (account types)
5. View comments