

FitnessJourney

An application where a user can sign in to view their own fitness journeys, to track and enhance their progress on their journey. A user can make different journeys for whatever fitness goals or journey they want to achieve. A user's journey will consist of the many workouts for that specific journey. A workout is related to one exercise, like chest press, and will have the history of their progress, and allows for easy addition of sessions.

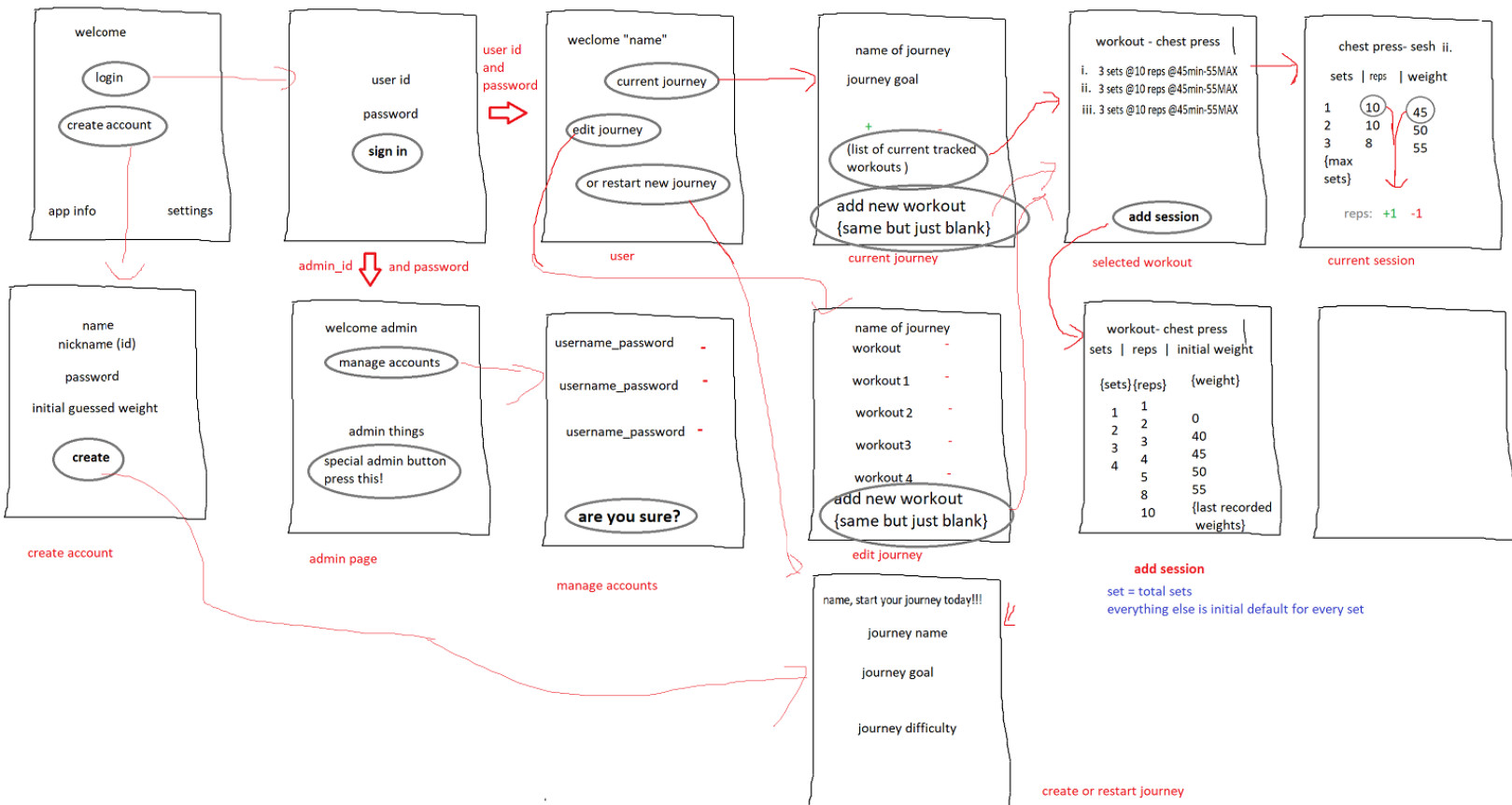
Github: https://github.com/suborange/Android_app

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Initial Layout

Include a layout similar to the one shown below. This can be created using screenshots from Android Studio, using [Draw.io](https://draw.io), or even sketched out on paper (or a tablet if you are fortunate enough to have one).

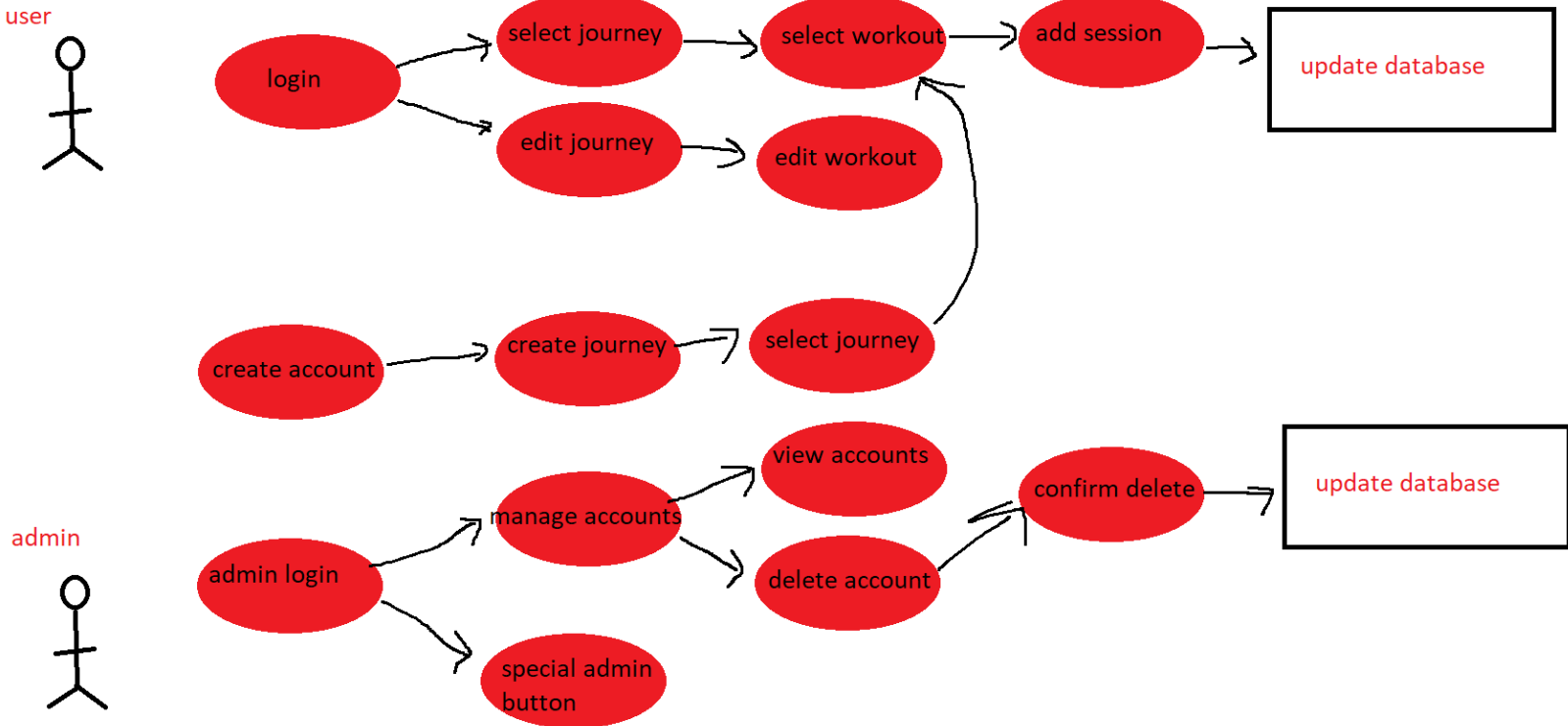


Notes:

- Max of 1 journey (how many could you need!) (currently to wrap my head around the database portion and flowchart with this part)

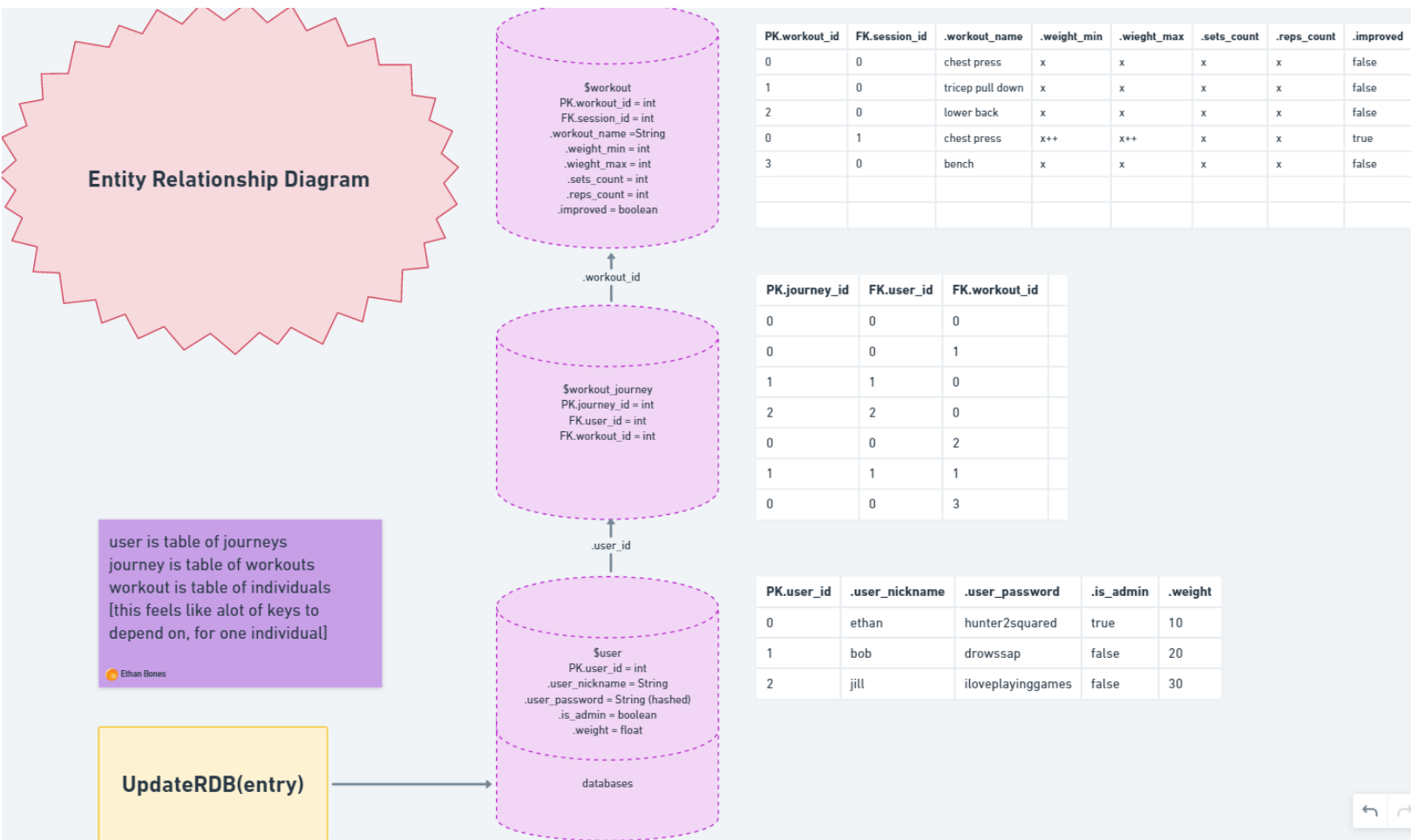
Use Case Model

Insert your actor diagrams here. It should show the users and their roles and the use cases they complete. This does not need to be 100% comprehensive but I'd like to see at least 2 actors with three actions each.



Entity Relationship Diagram (ERD)

The assignment **MUST** use a database and must have at least three tables



Use Case 01: Predefined Users

1. Force quit the application¹
2. Login as testuser1
3. Display the welcome page for 'testuser1'
4. Logout
5. Login as admin2
6. Display the admin page for 'admin2'
7. Display something specific to the admin user.
 - a. Viewing the users
 - b. Viewing passwords
 - c. Special admin button

This use case passes if all of these conditions are met. It fails otherwise.

[[link to where it happens in the video](#) this will only be here at the very end]

¹ How to force quit an application in Android:
<https://www.digitaltrends.com/mobile/how-to-force-close-apps-android/>

Use Case 02: Persistence

1. Create or select a workout
2. Add a new session and items
3. Force quit the application²
4. Show the session and items added in step 2 is still in the database
5. Change an item in the session
6. Force quit the application
7. Show the item modifications from step 5 have been saved

² How to force quit an application in Android:
<https://www.digitaltrends.com/mobile/how-to-force-close-apps-android/>

Use Case 03: Add a user

1. Press the create account button
2. Enter name, user nickname (id), password, and initial guessed weight
3. Click create
4. Start a journey for the new account
5. Enter name, goal, and personal difficulty
6. Account created with initial journey, and no workouts or sessions

Use Case 04: Delete a user

1. Sign in with admin user id and password
2. Click on manage accounts
3. A list of all accounts will show, and can press - button to delete a user
4. Click are you sure to accept deletion

Use Case 05: edit a journey

1. Sign in
2. Select edit journey
3. A list of workouts for the journey will appear
4. Click to add a new workout
5. Enter workout information
6. Click to delete a workout
7. Workout now deleted

Use Case 06: add a workout and session

1. Alternate case for 05
2. Select available journey
3. Click add new workout
4. Click on name to give workout a name
5. Click add session
6. Select default values for session, and how many sets
7. Session created for a workout

Use Case 07: edit a session

Alternate use case for 05

3. Click on existing workout
4. Click on session of workout
5. Select reps or weight for a set, and increase or decrease the values as needed with respective buttons
6. Session saved

Use Case 08:

Use Case description

Use Case 09

Use Case description

Use Case 10

Use Case description

Use Case 11

Use Case description

Use Case 12

Use Case description