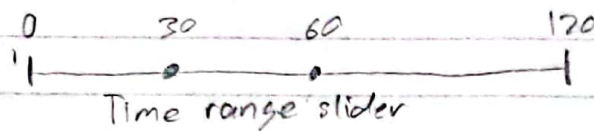


## Home Screen

### Gym Buddy

Set Goal Form
-Strength
-Hypertrophy
-Endurance

Target Muscle Groups Form
-Chest
-Biceps
⋮



See Workouts List Btn

Generate Workout Btn

## Workouts List

### Workouts List

Sort. Btn sort by: muscle group, HIIT, favorites

Bench Press  
<img>  
chest, triceps, ...

Bicep Curl  
<img>  
biceps

Box Jumps  
<img>  
HIIT, quads, ...

Squats  
<img>  
quads, glutes, ...

~~~~~  
<img>  
~~~~~

...

⋮

## Use Case UC2: Manage Favorites

Scope: Gym Buddy

Primary Actor: User

Interests:

- User: Wants to ensure that their favorite workouts will be included in their workout by viewing a list of workouts and adding and deleting them

Preconditions: Workouts list has no 0 items favorited

Postconditions: Workouts list has items favorited

### Main Success Scenario:

- 1) User selects workouts list
- 2) System displays all workouts
- 3) User filters workouts list
- 4) System updates workouts list
- 5) User selects as many workouts as desired
- 6) System highlights workouts
- 7) User presses favorite button
- 8) System updates workouts list with unique display for favorited items

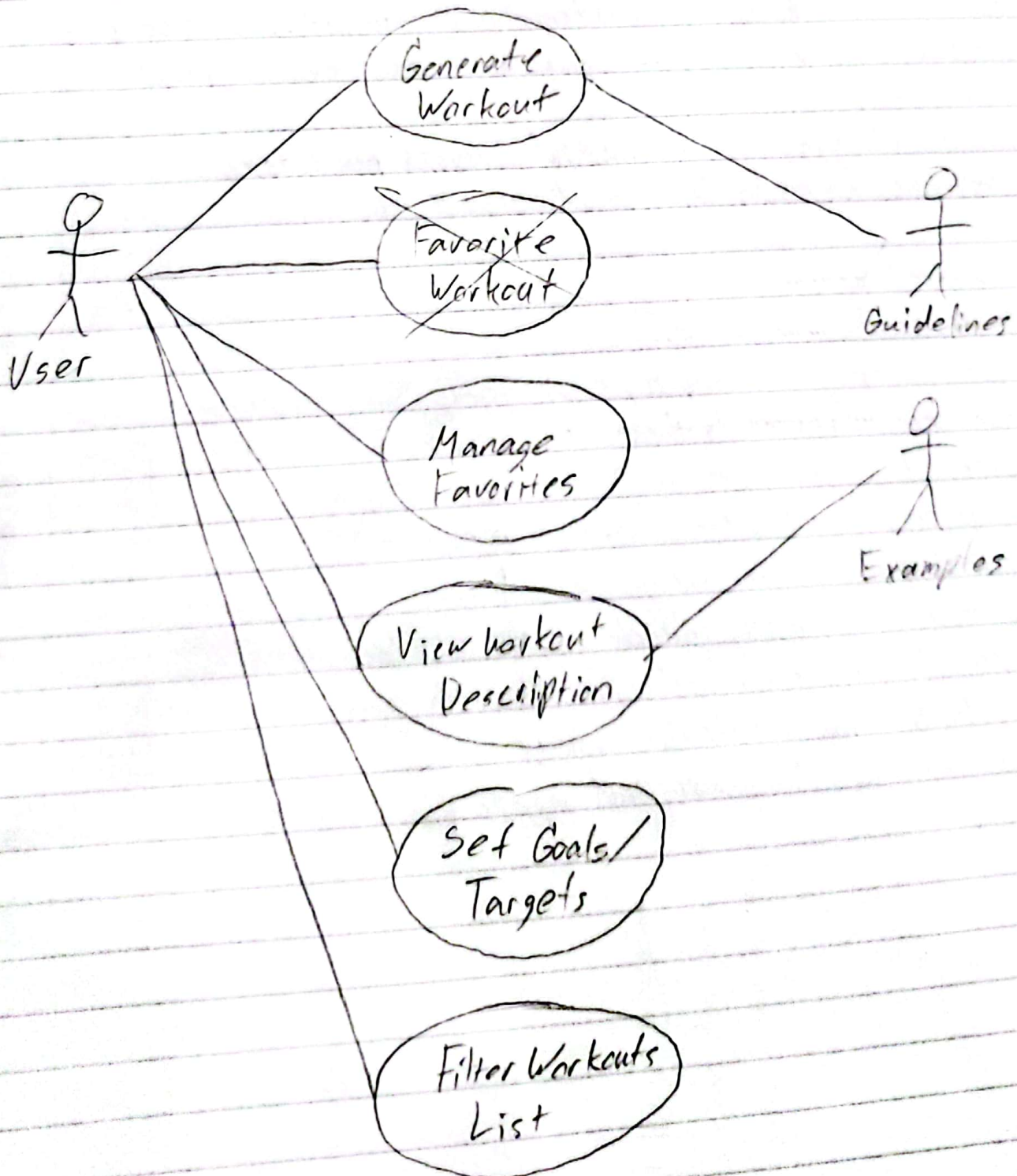
## Phase 2

Use Cases: Generate Workout, ~~Favorite Workout~~, Manage Favorites, View Workout Description, Set Goals/Targets, Filter Workouts List

Primary Actors

Use Cases

Supporting Actors





Use Case U1: Set Goals / Targets

Scope: Gym Buddy

Primary Actor: User

Interests:

- User: Wants to ensure their workout will meet their unique goals, i.e. strength, hypertrophy, or endurance and their unique targets, i.e. time constraint and muscle groups

Pre conditions: Forms for Goals and Targets are empty

Post conditions: Forms for Goals and Targets are filled

Main Success Scenario:

- 1.) User selects Goal Form
- 2.) System displays Strength, Hypertrophy, and Endurance items
- 3.) User selects one of the three goals
- 4.) System fills the form with the selected goal
- 5.) User selects Target Muscle Groups form
- 6.) System displays all muscle groups
- 7.) User selects as many muscle groups as desired
- 8.) System fills the form with the selected muscle groups
- 9.) User sets the time constraint + range
- 10.) System displays the lower and upper bound on the range element