

Routine	
<div>name description workouts</div> <div>Getters and setters for above getWorkout addWorkout removeWorkout removeAllWorkouts</div>	Workout

Workout	
<div data-bbox="131 408 311 623">name description exercises startTime endTime</div> <div data-bbox="131 674 616 809">Getters and setters for above getTotalVolume getDuration</div>	Exercise

Clean Architecture Layer: **Use Case**

Exercise (Abstract)	RepExercise, TimedExercise
<div>name</div> <div>numSets</div> <div>numRest</div> <div>muscleGroup</div> <div>Getters and setters for above</div> <div>getVolume (abstract method)</div>	

Clean Architecture Layer: **Entity**

RepExercise	Exercise
numReps  Getters and setters for above getVolume	

Clean Architecture Layer: **Entity**

TimedExercise	Exercise
setTime numRest  Getters and setters for above getVolume	

Clean Architecture Layer: **Entity**

WeightedRepExercise	RepExercise
<div data-bbox="131 401 255 449">weight</div> <div data-bbox="131 506 641 554">Getter and setter for above</div>	

WeeklySchedule

weeklySchedule

Getter and setter for schedule

addWorkout

removeWorkout

changeWorkout

Workout

WorkoutTracker	
<div>workoutHistory currentWorkout</div> <div>getTotalVolume getAvgDuration startWorkout</div>	Workout



## Profile

user  
FollowManager  
weeklySchedule  
feed  
workoutTracker

Getters and setters for above

User  
FollowManager  
Feed  
WeeklySchedule  
WorkoutTracker

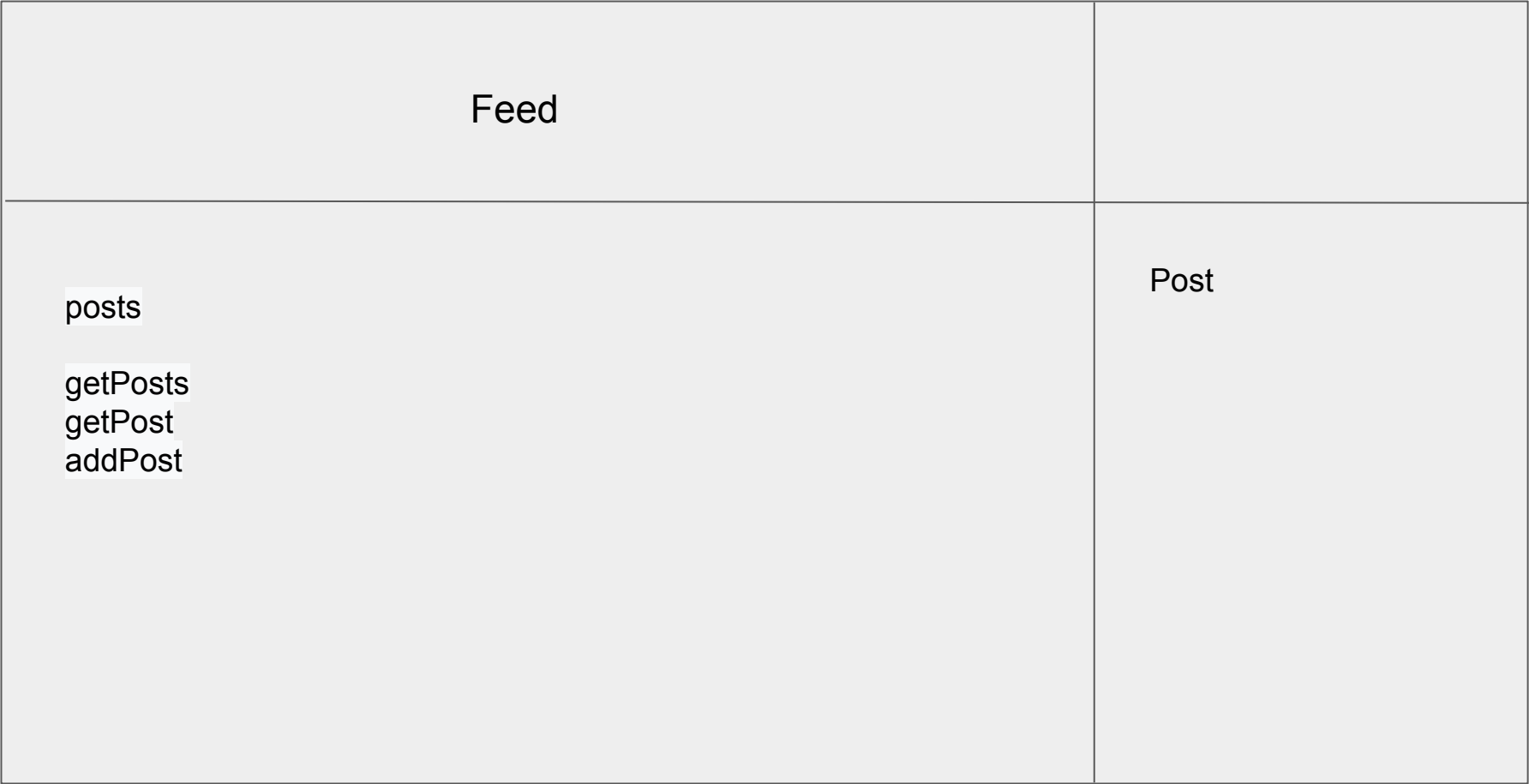
FollowManager

user  
following  
followers

getFollowing  
getFollowers  
addFollower  
follow

User

Clean Architecture Layer: **Use Case**



Clean Architecture Layer: **Use Case**

Post

workout  
comments  
likes  
content

addComment  
addLike  
getTotalLikes  
getWorkout  
getContent

Workout  
Comment  
User

Clean Architecture Layer: **Use Case**

User

email  
username  
password

Getters and setters for above  
login

Clean Architecture Layer: **Entity**

Comment

user  
content

getContent  
setContent  
getUsername

User

Clean Architecture Layer: **Entity**

Profiles

profiles

signUp

loginToProfile

search

deleteProfile

Profile

Clean Architecture Layer: **Controller**

InformationInput

profiles

createAccount

login

search

postCommands

followCommands

Profiles

Clean Architecture Layer: **UI**



Screen

profile

showFollowers  
showFollowing  
showUserInfo  
showSchedule  
showPost

Profile

Clean Architecture Layer: **UI**