Class Diagrams
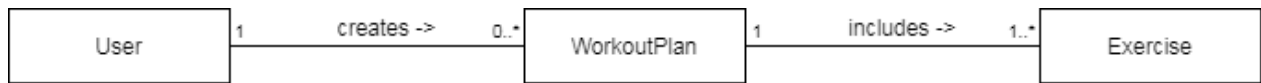
Project Title: Snappy Workout

Team Name: Snappy

Team Members' Names:

Jianqiang Du
Peter Bui
Taylor Bui (leader)
Trung Nguyen

```
┌──────────────┐  creates ->          ┌──────────────┐   includes ->        ┌──────────────┐
│              │1            0..*      │              │1            1..*     │              │
│     User     │──────────────────────│ WorkoutPlan  │──────────────────────│   Exercise   │
│              │                       │              │                       │              │
└──────────────┘                       └──────────────┘                       └──────────────┘
```

List of Attributes for Each Object:
1. User
   a. Int id : a unique identifier of the user
   b. String username : the username of the account
   c. String password : the password of the account
2. WorkoutPlan
   a. String name : the name of the workout plan
   b. Date startDate : the starting date of the plan
   c. Date endDate : the ending date of the plan
   d. String note : plan note
3. Exercise
   a. String name : the name of the exercise
   b. String type : the type of exercise
   c. Int duration : how long the exercise lasts
   d. String explanation : explains how the exercise is done