

Software documentation

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Software Name: PERSONAL FITNESS TRACKER APP

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ER Diagram

class diagram

Software summary

Track your progress (power lifting and fitness) quickly and easily with this app. you can create and track your personal fitness goals any time any where even on the go

Requirements

Functional Requirements

- Personal Account/User Profile.
- User Activity Tracking.
- Backup and Restoration Notifications
- and Reminders.
- Goal Setting.

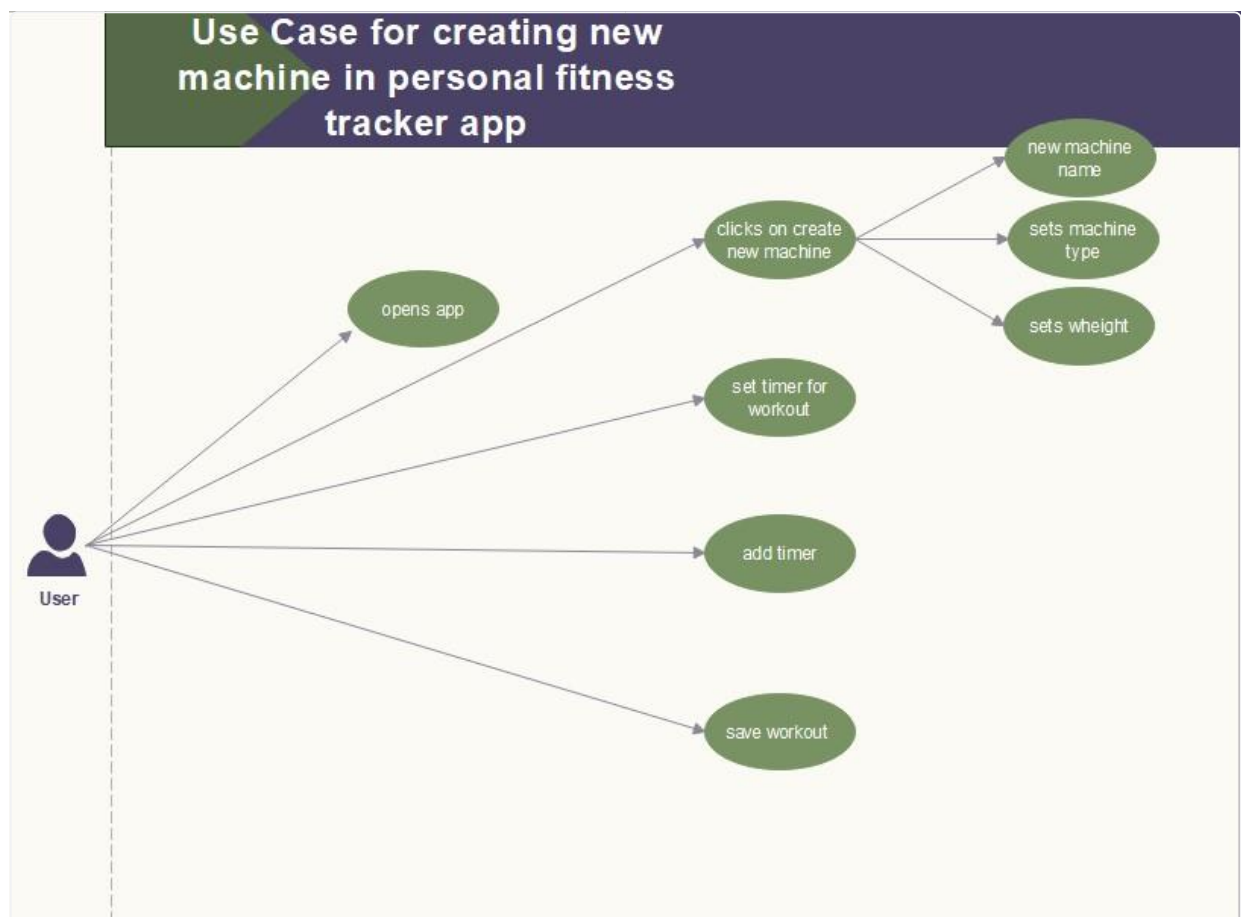
None Functional Requirements

- android 7 Android Nougat or greater
- Availability.
- Reliability.

Use cases and use case summary

creating a new machine in the application

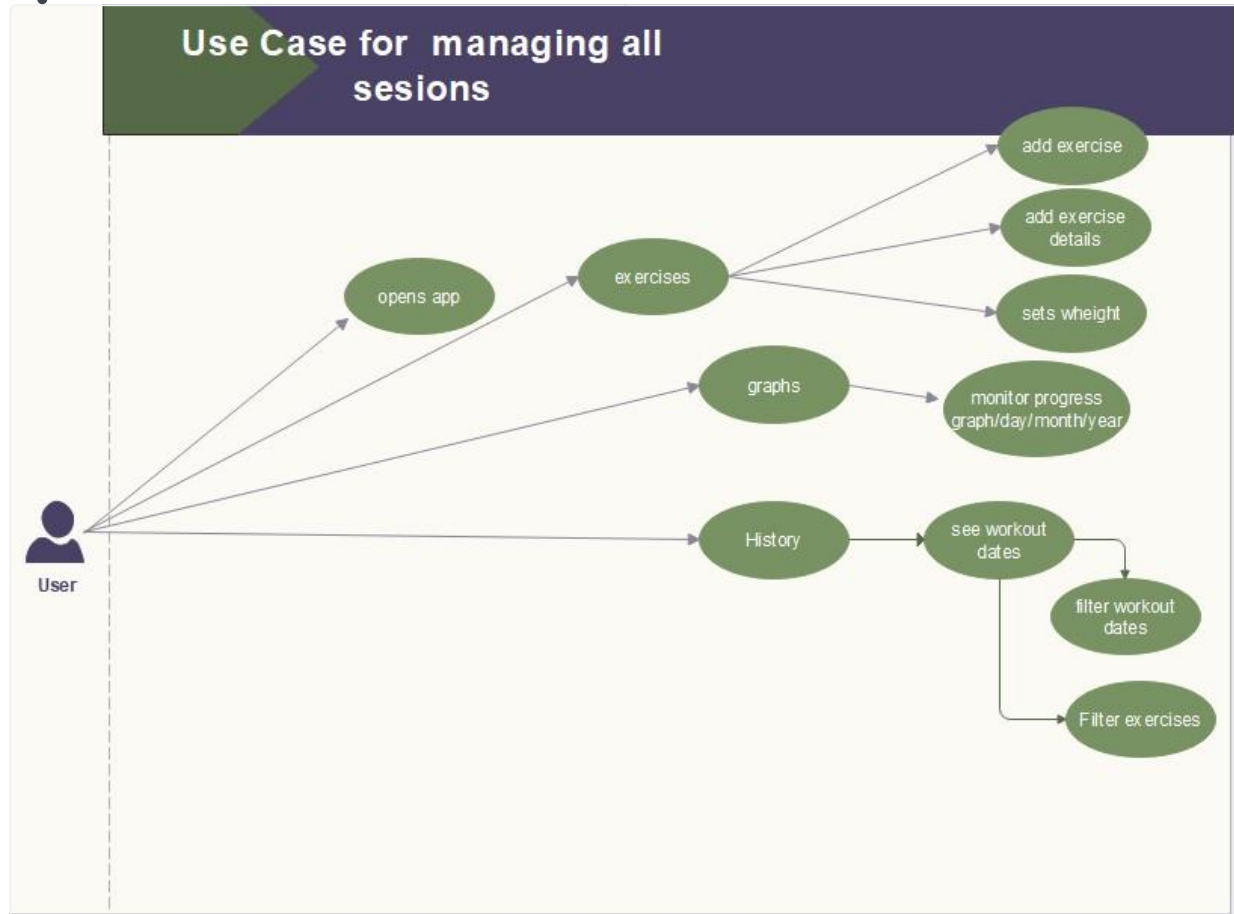
- opens app
- click on create new machine
- set time
- add timer
- save workout session



use case to create new machine

Managing workouts opens app move to

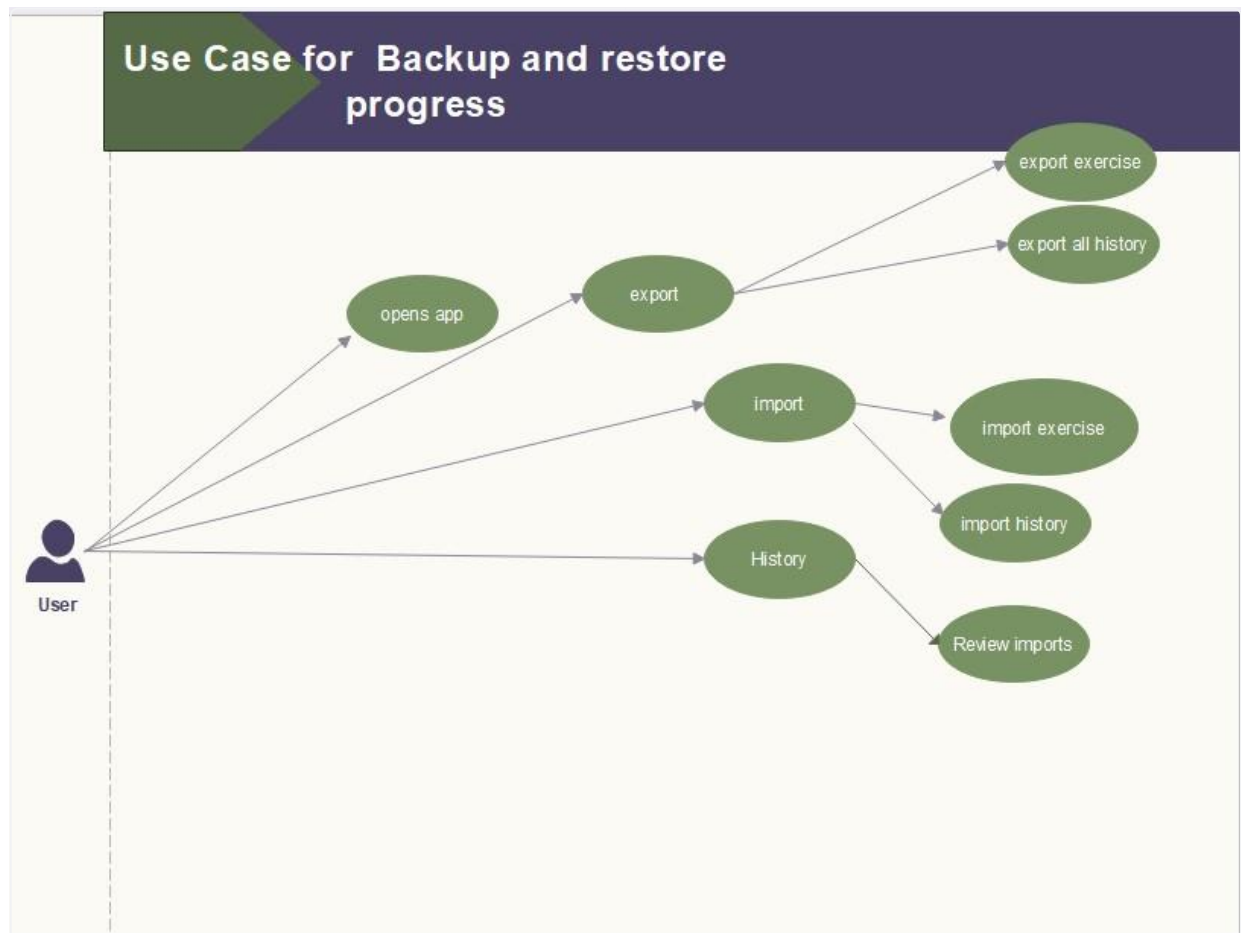
- exercises add exercise(details, set
- weight) monitor progress graph
- reviews history of all sessions
-
-



managing workout sessions

use case for backup and restoring progress click

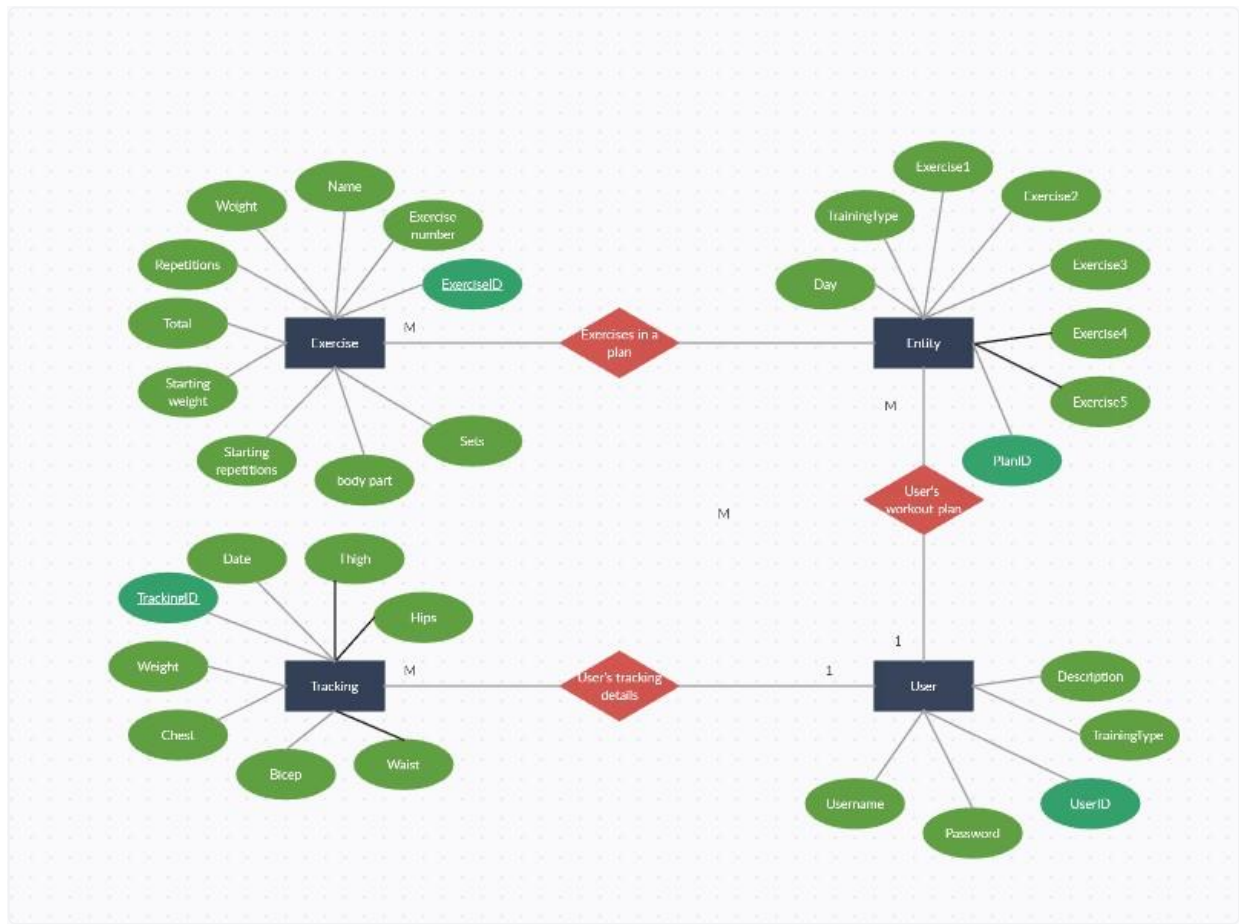
- the hamburger icon
- export (export exercises, export complete workout history) Import
- (import single exercise or workout, import workout history)
- History(review imports)



Back up and restoring/sharing workouts

DATA MODELING

ER Diagram



Class diagram

