App
+ field: type

+ method(type): type

AccountActions
+ String: email
+ String: password

+ searchAccount()
+ createAccount
+ logIn()
+ logOut()

UserAccount
+ String: name
+ String: email
+ String: password
+ Float: weight
+ String: sex
+ Integer: age

+ getInput()

User

CalculateProtein
+ float: DailyProtein

+ calculateDailyProtein()
+ graphDailyProteinBar()

Food
+ Array: ProteinArray
+ Integer: foodAmount

+ inputConsumedFood()

WeightInput
+ Float: newWeight
+ Float: tagerWeight

+ getInput()

Log
+ field: type

+ method(type): type

CalculateCO2
+ Float: dailyCO2Emissions
+ Float: avgFinnishCO2Ems

+ calculateDailyEmissions()

Graph
+ integer: time

+ graph()
+ drawTargetLine()

Relationships:
- App 1 ◆—— 1 AccountActions
- App 1 ◆—— 1...* UserAccount
- UserAccount 1 —— 1 User
- User 1 —— 1...* Food
- User 1 —— 1...* WeightInput
- CalculateProtein ——> UserAccount
- CalculateProtein ——> Food
- Log ┈┈> UserAccount
- Log ┈┈> Food
- Log ┈┈> WeightInput
- CalculateCO2 ┈┈> Food
- CalculateCO2 <—— Graph
- WeightInput <┈┈ Graph

WeightChange
+ Integer: weight

CO2EmissionsChange
+ Integer: CO2Emissions