Workout App

Activity

- name: String

- length: int

- startTime: int

+ Activity(name: String, length: int, startTime: int)

Workout

- title: String

- difficulty: double

- activities: List<Activity>

+ Workout(title: String, difficulty: double)

+ addActivity(activity: Activity): void

+ getDescription(): String

+ getBreakTime(): int

+ getDuration(): int

WorkoutApp

- workouts: List<Workout>

+ WorkoutApp()

+ addWorkout(workout: Workout): void

+ removeLongWorkouts(): List<Workout>

Kanban Board Assignment

Employee

- name: String

- dateJoined: LocalDate

+ Employee(name: String, dateJoined: LocalDate)

+ getYearsOfExperience(): int

Ticket

- description: String

- requiredExperience: int

- priority: int

- hoursToResolve: int

- employee: Employee

+ Ticket(description: String, requiredExperience: int, priority: int, hoursToResolve: int, employee: Employee)

Column

- title: String

- tickets: List<Ticket>

+ Column(title: String)

+ addTicket(ticket: Ticket): void

+ getTickets(): List<Ticket>

Kanban Board

- columns: List<Column>

+ KanbanBoard()

+ addColumn(column: Column): void

+ getTicketsByEmployee(employeeName: String): List<Ticket>

+ getCompletionPercentage(): double