# <<interface>> Player

- + getFirstName(Player): String+ getLastName(Player): String+ getBirthday(Player): LocalDate+ getPosition(Player): Position
- + getSkillLevel(Player): int+ getJerseyNum(Player): int

### **Player**

firstName: StringlastName: Stringbirthday: LocalDate

preferredPosition: PositionactualPosition: Position

skillLevel: intjerseyNum: int

+ getFirstName(Player): String+ getLastName(Player): String

+ getBirthday(Player): LocalDate

+ getPreferredPosition(Player): Position

+ getActualPosition(Player): Position

+ getSkillLevel(Player): int

+ getJerseyNum(Player): int

+ generateJerseyNum(Player): int

+ generateActualPosition(Player): Position

## <<interface>> TeamModel

+ addPlayer(Player): void+ selectLineup(): List<Player>+ getPlayers(): List<Player>+ getLineup(): List<Player>

#### **TeamModelImpl**

- size: int

team: List<Player>lineup: List<Player>

+ addPlayer(Player): void- deletePlayer(Player): void+ selectLineup(): List<Player>+ getPlayers(): List<Player>

+ getLineup(): List<Player>

### <<enumeration>> Position

Goalie Defender Midfielder Forward