# **GameView**

### Attributes:

-\_game\_vm : GameVM

Methods:

+GameVM(GameVM)

### **GameVM**

#### Attributes:

-\_game : Game

Methods:

+GameVM(Game)

# Game (abstract)

### Attributes:

-\_info : GameInfo -\_turn\_num : byte -\_dart\_num : byte

### Methods:

- +Game()
- +Game(User[])

+addDartScore(Byte) : boolean

+getInfo() : GameInfo
+getTurnNum() : byte
+getDartNum() : byte

# **GameInfo**

### Attributes:

-\_players : ArrayList<User>

- total\_scores : ArrayList<Byte>

- dart\_scores : ArrayList<ArrayList<Byte>>

-\_winner : User

### Methods:

+ GameInfo(User[])

+ getPlayers() : ArrayList<User>

+ getTotalScores() : ArrayList<Byte>

+ getDartScores() : ArrayList<ArrayList<Byte>>

+ getWinner() : User

# User

## Attributes:

-\_name : String

-\_id : int

### Methods:

+User(boolean)

+User(String)

+getID() : int

+getName() : String
+setName(String) : void

+isTemporary() : boolean