PlayArea

Responsibilities

Collaborators

Initialize Game Engine **Draw Boxes** Initialize Event Handler **Show Moves Count**

Box GameEngine EventHandler

GameEngine

Responsibilities

Collaborators

Check Valid Moves Check Winning Status Make Moves Generate Random Boxes **Count Moves**

Box PlayArea PlayerData

Box

Responsibilities

Collaborators

House a unique number

PlayArea GameEngine EventHandler

EventHandler

Responsibilities

Collaborators

Call the appropriate function on an action

Box GameEngine

ScoreView

Responsibilities

Collaborators

Show All the Scores of the

User

MainView

MainView

Responsibilities

Collaborators

Start a Game Show ScoreView

PlayArea ScoreView

PlayerData

Responsibilities

Collaborators

Stores all Player's Data

ScoreView ${\sf GameEngine}$