## OpeningWindow

- welcome:WelcomePanel
- name:NamePanel
- clan:ClanPanel
- kingdom:KingdomPanel
- classes:ClassPanel
- family:FamilyPanel
- messageButton, moveOnButton, clanButton, familyButton: JButton
- clanLabel:JLabel
- user:KingdomBackgroundPanel
- $\hbox{- other User:} Family Member Panel\\$
- # userInfo:String
- + image, image2: ImageIcon
- + OpeningWindow()
- messageButtonListener()
- moveOnButtonListener()
- clanButtonListener()
- familyButtonListener()+ getOpeningWindow(OpeningWindow: Object)
- OpeningWindow()

### KingdomBackgroundPanel

- + kingdomName:kingdoms
- + clanName:clans
- + className:classes
- + KingdomBackgroundPanel()
- + setKingdom(k: String)
- + setClan(cn: String)
- + setClasses(sc: String)
- + getKingdomName(): kingdoms
- + getClanName(): clans
- + getClassName(): classes

### FamilyMemberPanel

- + familyCount: familyMembers
- # Zero, One, Two, Three: JRadioButton
- famBG: ButtonGroup
- + FamilyMemberPanel()
- + setFamilyNum(FN:String)
- + getFamilyCount(): String

#### WelcomePanel

- greeting: JLabel
- + WelcomePanel()
- + toString(): String

#### ClanPanel

- Stark, Targaryen, Lannister, Greyjoy, Baratheon, Tyrell, Martell, Arryn: JRadioButton
- clanBG: JButtonGroup
- + ClanPanel()
- + getClanName(): String

#### NamePanel

- introLabel: JLabel# firstNameBox: JTextField
- + NamePanel(FirstNameBox: JTextField)

#### ClassPanel

- Bastardy, Noble\_House, King, Ward, Smallfolk, Mercenary, Lordship: JRadioButton
- JRaulobullon
- classBG: JButtonGroup
- + ClassPanel()
- + getClassName(): String

### KingdomPanel

- North, Vale, Stormlands, Reach, Westerlands, Iron\_Islands, Dorne: JRadioButton
- kingdomBG: JButtonGroup
- + KingdomPanel()
- + getKingdomName(): String

#### FamilyPanel

- questionLabel: JLabel
- # famMemPanel: FamilyMemberPanel
- # nameArray: String[]
- + FamilyPanel()
- + ZeroButtonListener()
- + OneButtonListener()
- + TwoButtonListener()
- + ThreeButtonListener()

### <<Enumeration>> clans

Stark

Targaryen

Lannister

Greyjoy

Baratheon

Tyrell Martell

Arryn

## <<Enumeration>> classes

Bastardy

Noble House

King

Ward

Smallfolk

Mercenary Lordship

# <<Enumeration>> kingdoms

North

Vale

Stormlands

Reach

Westerlands

Iron\_Islands

Dorne

# <<Enumeration>> familyMembers

Zero

One

Two

Three