Title + Responsibility: - Provides UI Interface for User to Start the Game and Adjust the Options - Serves as start of the Program - Main Menu to be brought back to once game has ended + Collaborator: - Options - PlayerCard - TicTacToe

Options

- Provides the ability to adjust options of the game such as SFX, Volume, and etc..

card stack + Responsibility: - Creates the Card Sprite for the Dealer and Player Hand + Collaborator: - DealerCard - PlayerCard - Deck

<u> </u>
+ Responsibility: - Provides a UI Interface with Buttons to Allow Player to Play the Game

PlayerCard

+ Collaborator: - Deck - DealerCard - GVar

DealerCard + Responsibility: - Allows for Player to see Dealer's Score and Hand - Also Determines the Winner as it is the Ending Scene + Collaborator: - Deck - PlayerCard

- GVar TicTac + Responsibility:

- Provides the Game Scene for the TicTacToe Game + Collaborator: - TicTacToeBoard

- TicTacToeGrid - GVar

+ Responsibility:

+ Collaborator:

- TicTac - TicTacToeGrid

+ Responsibility:

+ Collaborator: - Title

TicTacToeGrid - Provides Button Grid for Player to Select and Dealer to Use

- Title - TicTac - TicTacToeBoard

TicTacToeBoard

+ Responsibility: - Keeps track of state of the TicTacToe Game on a Global Level in order for state to persist in-between rounds of 21.
+ Collaborator:

GVar	

Deck

- Provides the Deck of Cards to Both the Player and Dealer Scene

Maintains the Hand of Cards for the Player and Dealer

+ Responsibility: - Contains Global Variables that are Necessary for the Game's Functionality such as Boolean Variables for Condition Checks, etc... + Collaborator:

- PlayerCard - DealerCard - TicTacToe

+ Responsibility:

+ Collaborator:

- DealerCard

- PlayerCard

Music + Responsibility: - Provides a Music Track to be Player throughout the Game

- Options - PlayerCard - DealerCard

- Title

+ Collaborator:

- TicTacToe

Transit

+ Responsibility: - A utility class that provides a smooth transition between different game scenes

+ Collaborator:

- Options - PlayerCard

- TicTacToe

- Title

- DealerCard