Class name: game_menu	
Class Attributes:	Class Collaborations (other classes):
<ul> <li>self.difficultySettingOption #Holds radio button</li> <li>self.startGameButton #Button element</li> <li>self.titleLabel #Label element</li> <li>self.root.title #Window title</li> <li>self.root.minsize #Window min size</li> <li>self.root.maxsize #Window max size</li> <li>self.root #TKinter class inherit</li> </ul>	● TKinter
Class Methods:	Class Collaborations (other classes):
<ul> <li>init #Sets up the menu elements</li> <li>create_difficultySettingOption#Creates radio buttons for selecting difficulty</li> <li>create_startGameButton #Creates the start game button</li> <li>create_titleLabel #Creates the label for game title</li> <li>startGameHandler #Handler for when the start game button is pressed</li> </ul>	• TKinter

Class name: game	
Class Attributes:	Class Collaborations (other classes):
<ul> <li>self.screen #Gameplay screen</li> <li>self.running #True if game isn't over</li> <li>self.player #Holds player variable</li> <li>self.thedoomship #Holds enemy object</li> <li>self.clock #update speed</li> </ul>	<ul><li>Player</li><li>Doomship_npc</li><li>game_menu</li></ul>
Class Methods:	Class Collaborations (other classes):
<ul> <li>init  #Sets up the screen as well as the sprite positions</li> <li>run #runs the game and keeps it running</li> </ul>	<ul><li>Player</li><li>Doomship_npc</li><li>game_menu</li></ul>

Class name: player_npc	
Class Attributes:	Class Collaborations (other classes):
<ul> <li>self.screen_size #Sets screen size</li> <li>self.surf #Sets the image for sprite</li> <li>self.rect #Sets the prite hitbox</li> </ul>	<ul><li>PyGame sprite</li><li>bullet</li></ul>
Class Methods:	Class Collaborations (other classes):
Class Methods.	(**************************************

Class name: doomship_npc		
Class Attributes:	Class Collaborations (other classes):	
<ul> <li>self.screensize #Gets the screen size</li> <li>self.surf #Sets cover image for sprite</li> <li>self.rect #Sets the sprite's hitbox</li> </ul>	<ul><li>PyGame sprite</li><li>Random</li><li>bullet</li></ul>	
Class Methods:	Class Collaborations (other classes):	
<ul> <li>init  #Creates a sprite and sets the default values</li> <li>get_action  #Gets the current action to be performed by the enemy</li> <li>movement  #Moves the enemy around the screen</li> <li>attack #Has the enemy use an attack on the player</li> </ul>	<ul><li>PyGame sprite</li><li>Random</li><li>bullet</li></ul>	

Class name: bullet	
Class Attributes:	Class Collaborations (other classes):
<ul> <li>self.screensize #Gets the screen size</li> <li>self.surf #Sets the cover image</li> <li>self.rect #Sets hitbox size</li> </ul>	PyGame sprite

Class Methods:	Class Collaborations (other classes):
<ul> <li>init #Creates the sprite with default variables to be changes with the bullets unique actions</li> <li>get_bulletType #Chooses an action for the bullet</li> <li>bulletAction #controls the bullets movement</li> </ul>	PyGame sprite