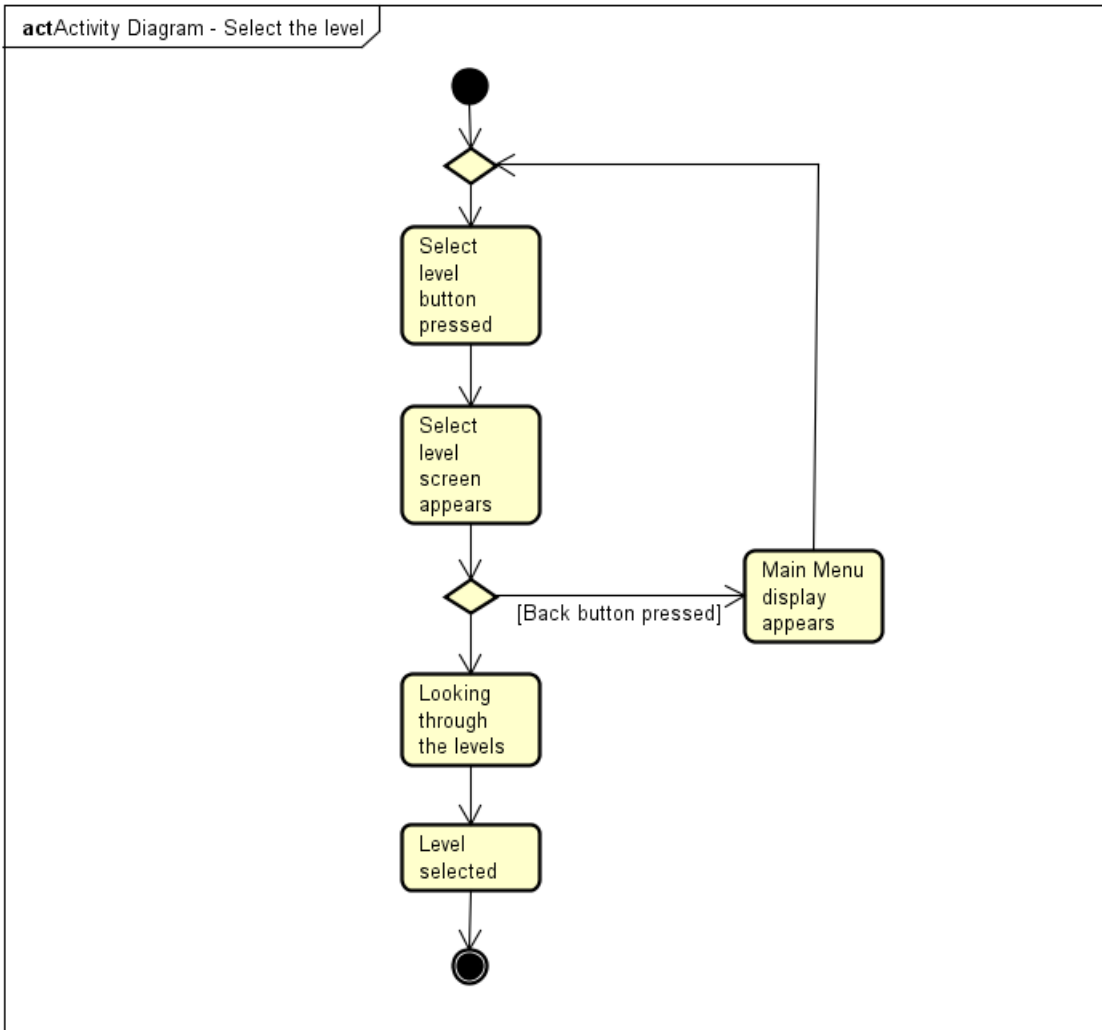
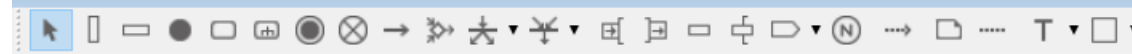


Play the level / UseCase Description	
ITEM	VALUE
UseCase	Play the level
Summary	The player plays the level that he has perviouslyely selected.
Actor	Player
Precondition	The player has selected the level
Postcondition	The screen with the Quiz Game appears.
Base Sequence	<ol style="list-style-type: none"> <li>1. The player can move in the game using a joystick displayed on the screen.</li> <li>2. The player can jump by pressing the jump button.</li> <li>3. The player can change the camera angle by swiping from left to right to change the camera angle to the right, and from right to left to change the camera angle to the left.</li> </ol>
Branch Sequence	
Exception Sequence	<p>Main Menu:</p> <ol style="list-style-type: none"> <li>1-3 as base sequence</li> <li>4. The player presses the pause button.</li> <li>5. The player presses the Main Menu button.</li> <li>6. The Main Menu screen is displayed.</li> </ol> <p>Restart:</p> <ol style="list-style-type: none"> <li>1-3 as base sequence</li> <li>4. The player presses the pause button.</li> <li>5. The player presses the restart button.</li> <li>6. The level restarts.</li> </ol> <p>Resume:</p> <ol style="list-style-type: none"> <li>1-3 as base sequence</li> <li>4. The player presses the pause button.</li> <li>5. The player presses the resume button.</li> <li>6. The level resumes.</li> </ol>
Sub UseCase	
Note	

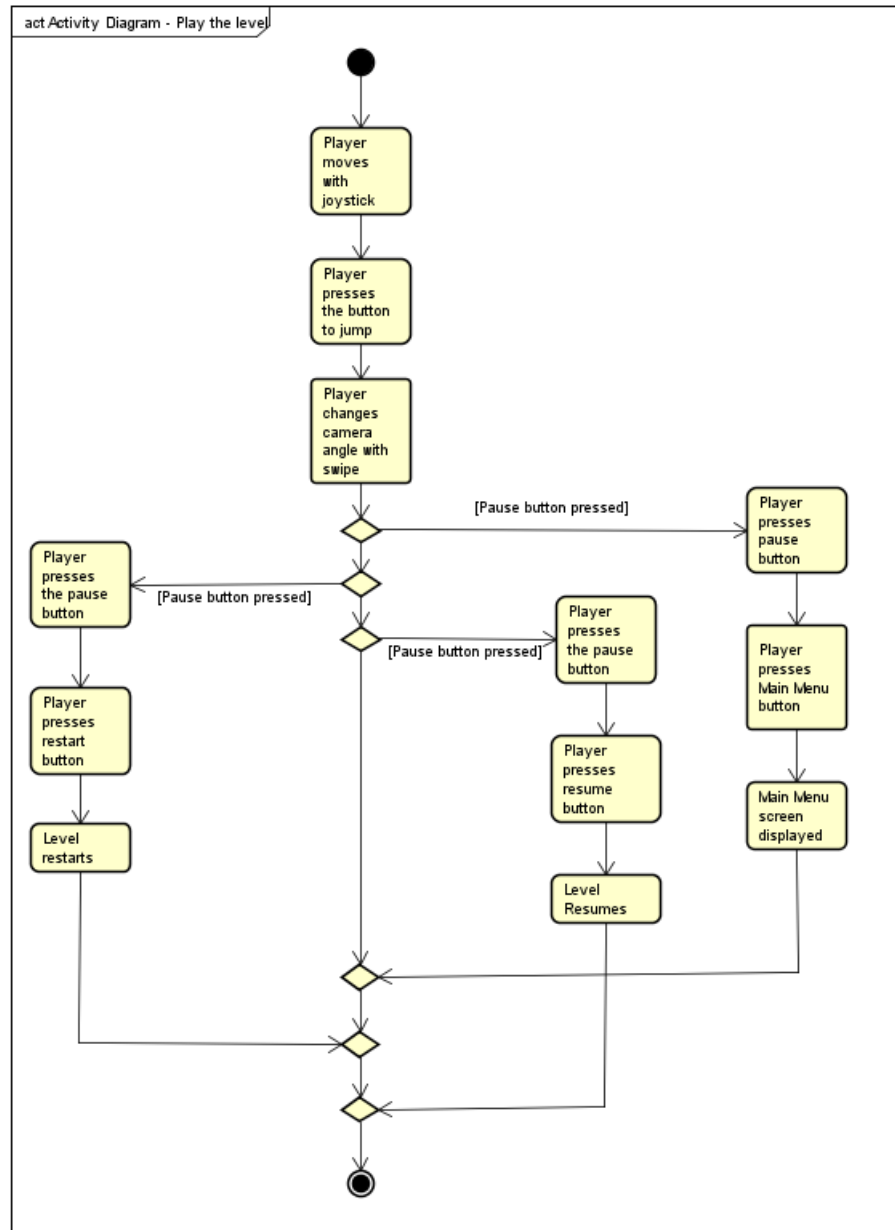
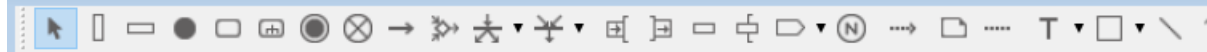
## Play the quiz game / UseCase Description

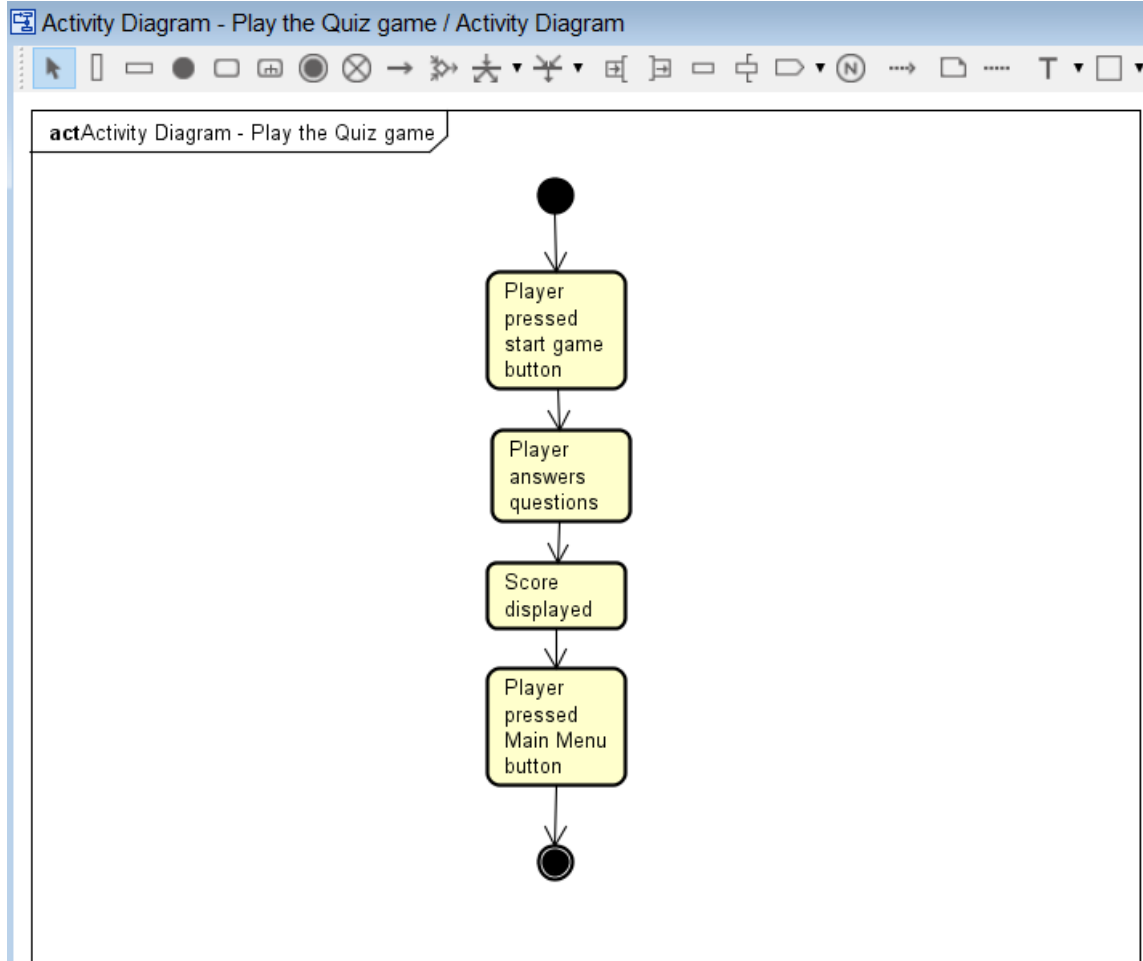
ITEM	VALUE
UseCase	Play the quiz game
Summary	The player enters the Quiz game section and plays the Quiz game by answering the questions.
Actor	Player
Precondition	The 60 seconds in the level section have passed and the Quiz game screen is displayed
Postcondition	The player returns to the Main Menu and the Main Menu screen is displayed.
Base Sequence	<ol style="list-style-type: none"> <li>1. The player presses the button to start the game.</li> <li>2. The player answers the questions by pressing the button corresponding to the answer that he wishes to pick.</li> <li>3. The player receives his score displayed on the screen</li> <li>4. The player presses the button corresponding to the Main Menu</li> </ol>
Branch Sequence	
Exception Sequence	
Sub UseCase	
Note	

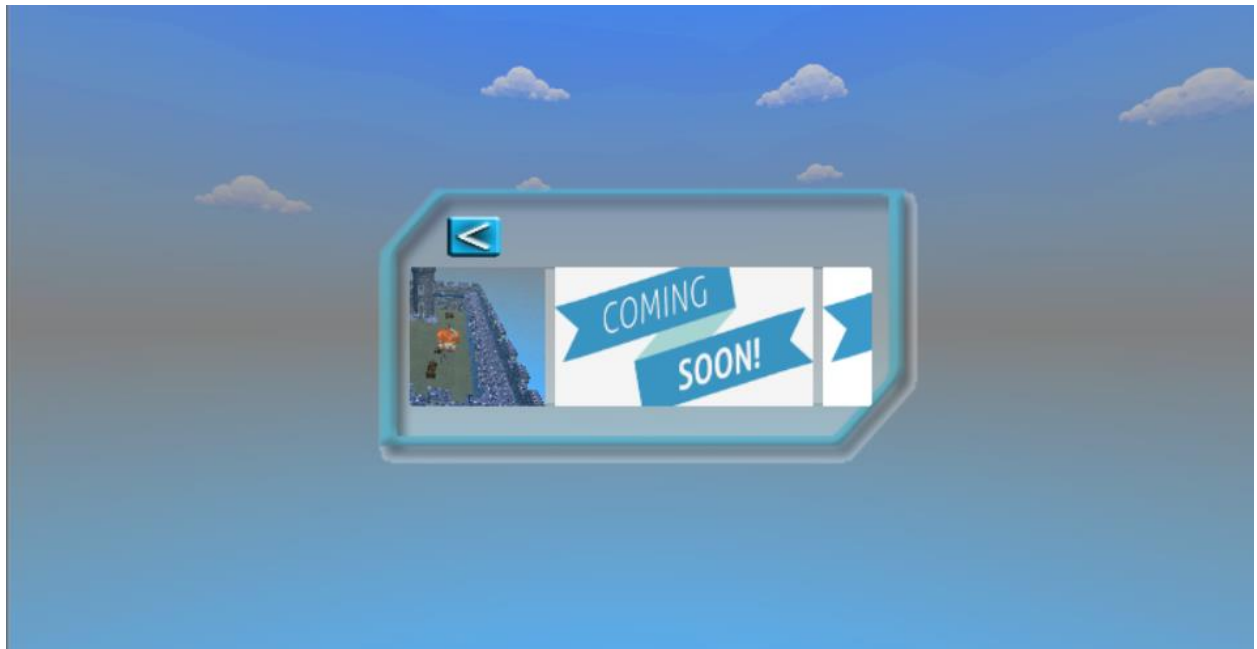
# Activity Diagram - Select the level / Activity Diagram



# Activity Diagram - Play the level / Activity Diagram









```

public void Question1Correct()
{
    playerScore = playerScore + 10;
    scoreDisplayText.text = "Score: " + playerScore;

    question1Display.SetActive(false);
    question2Display.SetActive(true);
}

```

```

public void ReturnToMenu()
{
    if (playerScore > highScore)
    {
        highScore = playerScore;
        highScoreText.text = highScore.ToString();

        PlayerPrefs.SetInt("score", highScore);
    }

    SceneManager.LoadScene("MainMenu");
}

```

```

void Start()
{
    playerScore = 0;

    highScore = PlayerPrefs.GetInt("score");
    highScoreText.text = "" + highScore;
}

```

```

public void ToMenu()
{
    Time.timeScale = 1;
    SceneManager.LoadScene("MainMenu");
}

```



0 references

```
public void RestartLevel()
{
    Time.timeScale = 1;
    SceneManager.LoadScene(SceneManager.GetActiveScene().name);
}
```

0 references

```
private void Update()
{
    timerText.text = ("" + timeLeft);

    if (timeLeft <= 0)
    {
        StopCoroutine("LoseTime");
        timerText.text = ("Time is up!");

        SceneManager.LoadScene("quizMenu");
    }
}
```

0 references

```
private void Update()
{
    timerText.text = ("" + timeLeft);

    if (timeLeft <= 0)
    {
        StopCoroutine("LoseTime");
        timerText.text = ("Time is up!");

        SceneManager.LoadScene("quizMenu");
    }
}
```

1 reference

```
private void ChangeColorPlayer()
{
    if (savedValue == 6)
    {
        Material material1 = Resources.Load<Material>("Materials/mat_6");

        player.GetComponent<Renderer>().material = material1;
    }

    else if (savedValue == 1)
    {
        Material material1 = Resources.Load<Material>("Materials/Ground_Texture_Material");

        player.GetComponent<Renderer>().material = material1;
    }

    else if (savedValue == 2)
    {
        Material material1 = Resources.Load<Material>("Materials/House_color");

        player.GetComponent<Renderer>().material = material1;
    }
}
```

0 references

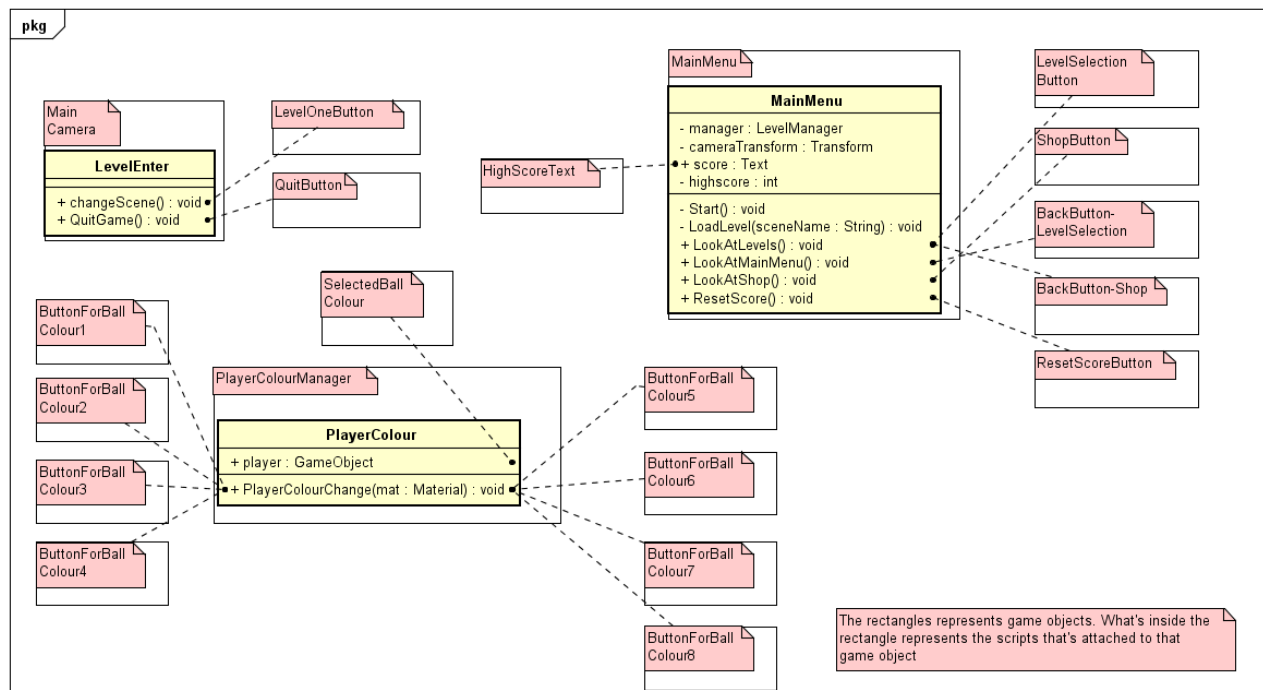
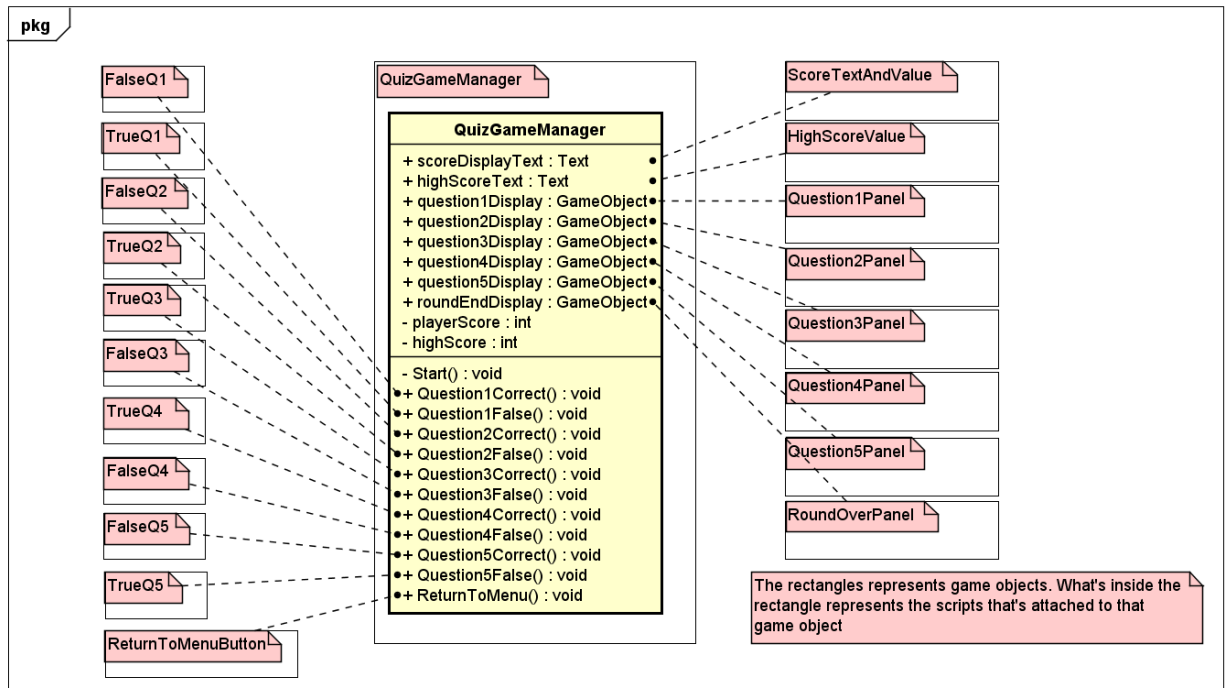
```
IEnumerator LoseTime()
{
    while (true)
    {
        if (timeLeft > 60)
        {
            yield return new WaitForSeconds(5);
            timeLeft = timeLeft - 5;
        }
        else
        {
            yield return new WaitForSeconds(1);
            timeLeft--;
        }
    }
}
```

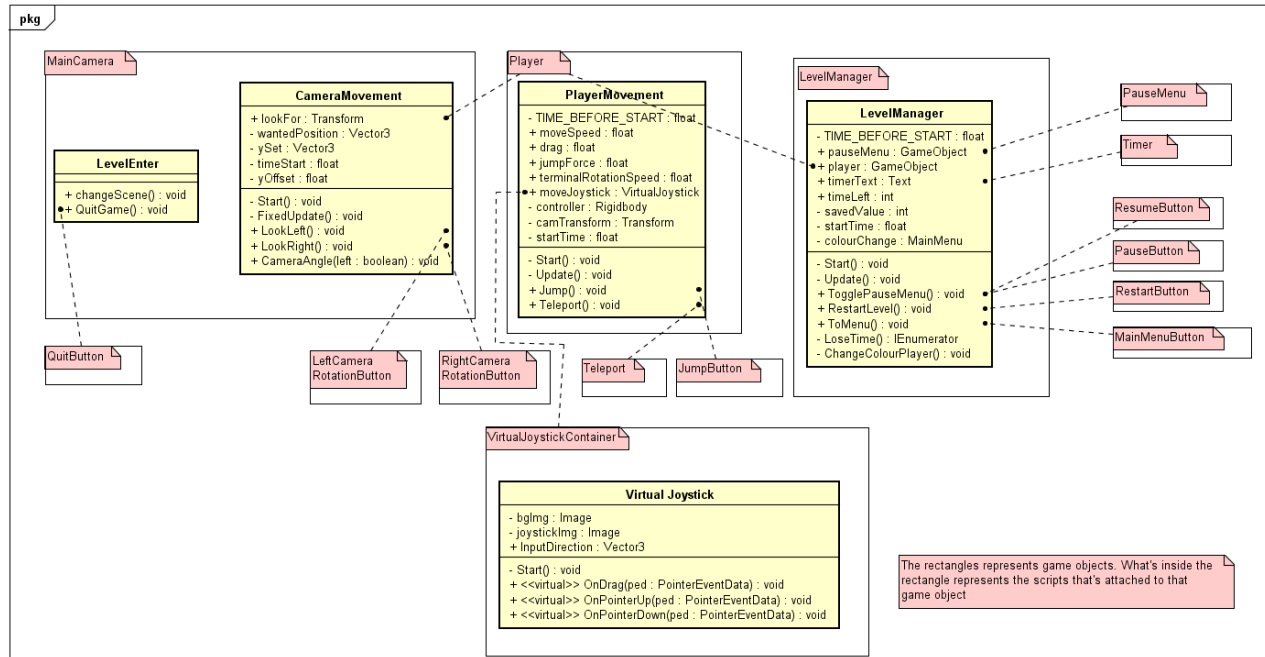
0 references

```
private void Start()
{
    pauseMenu.SetActive(false);
    startTime = Time.time;
    savedValue = PlayerPrefs.GetInt("ballColor");

    StartCoroutine("LoseTime");

    ChangeColorPlayer();
}
```





### Select the level / UseCase Description

ITEM	VALUE
UseCase	Select the level
Summary	User selects the level that he will play.
Actor	Player
Precondition	The game is loaded and it's in the main menu.
Postcondition	The player enters the level.
Base Sequence	<ol style="list-style-type: none"> <li>1. The player presses the button for selecting the level</li> <li>2. The screen for selecting the level appears.</li> <li>3. The player scrolls through the levels using a finger to drag the screen on a horizontal line from left to right and from right to left on the area where the levels are displayed</li> <li>4. The player selects the level by tapping once on the level that he wishes to play.</li> </ol>
Branch Sequence	
Exception Sequence	Main menu: 1-2 as base sequence. 3. The player presses the back button and the screen with the main menu appears.
Sub UseCase	
Note	