

```
1 namespace CustomProject.SingletonDesign
2 {
3     public class ClockSingleton
4     {
5         private static readonly object _lockObject = new object();
6         private static volatile ClockSingleton _instance;
7         private Dictionary<string, SplashKitSDK.Timer> _timers;
8
9         private ClockSingleton()
10        {
11            _timers = new Dictionary<string, SplashKitSDK.Timer>();
12        }
13
14        public static ClockSingleton getInstance()
15        {
16            if (_instance == null)
17            {
18                lock (_lockObject)
19                {
20                    if (_instance == null)
21                    {
22                        _instance = new ClockSingleton();
23                    }
24                }
25            }
26            return _instance;
27        }
28
29        public void StartTimer(string timerName)
30        {
31            if (_timers.ContainsKey(timerName))
32            {
33                _timers[timerName].Reset();
34            }
35            else
36            {
37                _timers[timerName] = new SplashKitSDK.Timer(timerName);
38            }
39            _timers[timerName].Start();
40        }
41
42        public uint GetElapsedTicks(string timerName)
43        {
44            if (_timers.ContainsKey(timerName))
45            {
46                return _timers[timerName].Ticks;
47            }
48            return 0;
49        }
}
```

50 }

51 }

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