# Unit Test Documentation Template

**Project Name: UMA-ISE24-E1**

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## Test Case Overview

**Test Case ID:**

Leg Duration

**Purpose:**

Verify the length of the leg is approximately 60 seconds.

This test case involves FR009 (Legs), FR003 (Levels), FR014(Leg Duration).

**Test Case Description:**

This test case evaluates the duration of each leg of the race.

It aims to ensure the requirements set by the client are met.

Related JUnit tests will check methods relative to clock.

### Pre-Conditions

**Prerequisites:**

The game is installed and running successfully.

User is in main menu.

User initiates the race by pressing the button in main menu.

**Test Data:**

Not applicable.

### Test Steps

**Step Description:**

1. Start a chronometer.

2. Complete leg.

3. Stop chronometer.

4. repeat the process several times to ensure the nonexistence of any anomalies.

### Post-Conditions

**Expected Outcome:**

Leg duration is at maximum at the 60 second mark.

**Cleanup:**

Not applicable.

### Notes

The test must be performed with all three boats to ensure none of them are above the threshold.