# BatchCaseCSVInvoker Test Documentation

## Overview

This document provides an overview of the test cases and evidence for verifying the functionality of the BatchCaseCSVInvoker class and related batch processing.

## Test Case: BatchCaseCSVInvokerTest.cls

### Purpose

To validate that the **BatchCaseCSVInvoker** class correctly enqueues and executes the batch process.

### Test Steps

1. **Setup Data**:
   1. Create a Project\_\_c record.
   2. Insert multiple Case records linked to the project with a due date of yesterday.
2. **Execute Batch Invocation**:
   1. Call the **runBatch**() method from **BatchCaseCSVInvoker**.
3. **Validate Batch Execution**:
   1. Query **AsyncApexJob** to confirm that the batch job was enqueued.
   2. Assert that at least one batch job exists with a status of Processing or Queued.

### Expected Result

The batch job should be successfully enqueued and ready for execution.

## Test Case: BatchCaseCSVTest.cls

### Purpose

To ensure that the **BatchCaseCSV** class executes correctly and processes the cases as expected.

### Test Steps

1. **Setup Data**:
   1. Create a **Project\_\_c** record with an assigned owner.
   2. Insert a Case record associated with the project.
2. **Execute Batch Processing**:
   1. Run **Database.executeBatch(new BatchCaseCSV())**.
3. **Validate Execution**:
   1. Confirm that the batch job completes without errors.

### Expected Result

Batch execution should process all relevant cases successfully.

## Test Case: Email Sending

### Purpose

To verify that the email functionality correctly sends CSV reports.

### Test Steps

1. **Execute Email Method**:
   1. **Call EmailHelper.sendEmailWithCSV()** with test email data.
2. **Validate Execution**:
   1. Ensure no exceptions occur during execution.

### Expected Result

The email should be sent successfully without errors.

## Conclusion

The test cases confirm that the **BatchCaseCSVInvoker** class, batch execution, and email functionality work as intended. The batch job is correctly enqueued and processes cases, and email notifications are sent successfully.

## Test Coverage Evidence