Test Plan Document

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Organization

The test files will be stored in the parent testing directory test_cases. The testing directory will have a subdirectory called test cases, with subdirectories for each set of tests, which separate the tests into input and expected output. For each of the inputs provided the program should produce the corresponding output stored in the output folder. All run test results based on the provided input/output will be stored in its own test log folder test_results within the parent folder test_cases. Each test result will be labeled based on the date and time.

Running

We will run the tests as shell scripts based on the input and output files that were created for part 2. All scripts should use the exact inputs as provided, and be expecting the result that's provided in the expected output for each test. All scripts will be created in Powershell and use the Windows Powershell for execution.

Storage

The test case results will be stored in the test results directory. The test will be organized based on the portion of the application that was being tested, either frontend or backend. Inside those directories will be date marked log files that store the results of all the tests being run in a txt file. These files will include the feature being tested, the specific test case, and the result (pass/fail).

Example directories next page

Testing Directory Structure

```
/root
→tests
        →test_cases
                →frontend
                        →login
                                →input
                                →output
                        →withdraw
                                →input
                                →output
                        → etc
        → test_results
                →frontend
                        →2026-01-30_1-19-pm_test-result.txt
                        →2026-01-31_3-40-pm_test-result.txt
                →backend (later)
```