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Test Plan Table Structure

| Test Case ID | Description | Input | Expected Output | Actual Output | Pass/Fail |
| --- | --- | --- | --- | --- | --- |
| TC1 | Single word in file | "Hello" | A => ,..., H => hello,..., Z => | A => ,..., H => hello,..., Z => | PASS |
| TC2 | Multiple occurrences of the same word | "Test test TEST" | A => ,..., T => test,..., Z => | A => ,..., T => test,..., Z => | PASS |
| TC3 | Words with all alphabets | "Apple Banana ... Zebra" | A => apple, ..., Z => zebra | A => apple, ..., Z => zebra | PASS |
| TC4 | File with punctuation | "Hello, world! New; day." | A => ,..., D => day, ..., W => world, ... | A => ,..., D => day, ..., W => world, ... | PASS |
| TC5 | Case with numbers and special characters | "Hello123 world@new #2021" | A => ,..., H => hello, ..., W => world, ..., N => new | A => ,..., H => hello, ..., W => world, ..., N => new | PASS |
| TC6 | Words of the same frequency | "Cat cat Dog dog" | A => ,..., C => cat, D => dog, ... | A => ,..., C => cat, D => dog, ... | PASS |
| TC7 | Empty file | "" | A => ,..., Z => | A => ,..., Z => | PASS |
| TC8 | File not found | Non-existent file path | Error message | Error message | PASS |
| TC9 | File with only non-alpha characters | "123 456 !@# %" | A => ,..., Z => | A => ,..., Z => | PASS |
| TC10 | Mixed case sensitivity | "Apple apple aPple" | A => apple, ..., Z => | A => apple, ..., Z => | PASS |