**Test cases – 25 (Windows)**

| **S.No.** | **Test Case Name** | **Type** | **Description** | **Status** |
| --- | --- | --- | --- | --- |
| 1 | shouldCreateContact | Unit Test | Adds a valid contact and checks if list is updated | ✅ Passed |
| 2 | shouldThrowRuntimeExceptionWhenFirstNameIsNull | Negative Test | Verifies exception on null first name | ✅ Passed |
| 3 | shouldThrowRuntimeExceptionWhenLastNameIsNull | Negative Test | Verifies exception on null last name | ✅ Passed |
| 4 | shouldThrowRuntimeExceptionWhenPhoneNumberIsNull | Negative Test | Verifies exception on null phone number | ✅ Passed |
| 5 | shouldCreateContactOnMAC | OS-Conditional | Executes only on macOS | ⚠️ Skipped |
| 6 | shouldTestContactCreationOnDEV | Conditional | Runs if ENV system property equals "DEV" | ⚠️ Skipped |
| 7 | shouldTestPhoneNumberFormat | Format Validation | Validates a standard phone number format | ✅ Passed |
| 8 | shouldBeDisabled | Disabled Test | A disabled test meant to be skipped | ⚠️ Skipped |
| 9–13 | shouldTestContactCreationRepeatedly | Repeated Test | Repeats contact creation test 5 times | ✅ Passed (x5) |
| 14–16 | shouldTestPhoneNumberFormatUsingValueSource | Param Test | Validates phone numbers using @ValueSource | ✅ Passed (x3) |
| 17–19 | shouldTestPhoneNumberFormatUsingCSVSource | Param Test | Validates phone numbers using @CsvSource | ✅ Passed (x3) |
| 20–22 | shouldTestPhoneNumberFormatUsingCSVFileSource | Param Test | Validates phone numbers from CSV file (data.csv) | ✅ Passed (x3) |
| 23–25 | shouldTestPhoneNumberFormatUsingMethodSource | Param Test | Validates phone numbers using @MethodSource | ✅ Passed (x3) |