Testcases for Dir Command

Testcase – 1:

Display Directory Listing with Paging (/p)

Environment : windows, command prompt

|  |  |  |
| --- | --- | --- |
| step | Action | Expected Result |
| 1 | Open **command prompt** | Command prompt window opens successfully. |
| 2 | Navigate to a folder cd C:\Users\athesh.alagarsamy\HP\_Project\QA-Training. | Successfully navigates to the folder C:\Users\athesh.alagarsamy\HP\_Project\QA-Training |
| 3 | Run the command: dir /p. | |  | | --- | | Directory listing is displayed one screenful at a time. After each screen, the prompt **"Press any key to continue..."** is displayed. | |
| 4 | Press any key to continue | Display the next set of directory |

Pass Condition

Directory contents are shown in pages with a prompt to continue after each screenful.

Fail Condition

Directory contents are shown all at once without pausing, or no prompt to continue is displayed.

Testcase - 2:

Display Hidden Files (/a)

Environment : windows, command prompt

|  |  |  |
| --- | --- | --- |
| step | Action | Expected Result |
| 1 | Open **command prompt** | command prompt window opens successfully. |
| 2 | Navigate to a folder containing hidden files: cd C:\Users\athesh.alagarsamy\HP\_Project\QA-Training. | Successfully navigates to the folder C:\Users\athesh.alagarsamy\HP\_Project\QA-Training. |
| 3 | Run the command: dir /a. | All files in the directory are displayed, including hidden and system files. |

Pass Condition

All files, including hidden and system files, are listed.

Fail Condition

Hidden and system files are not listed. Only normal files are displayed.

Testcase –3:

Sort by Time (/o-d)

Environment : windows, command prompt

|  |  |  |
| --- | --- | --- |
| step | Action | Expected Result |
| 1 | Open **command prompt** | command prompt window opens successfully. |
| 2 | Navigate to a folder containing hidden files: cd C:\Users\athesh.alagarsamy\HP\_Project\QA-Training. | Successfully navigates to the folder C:\Users\athesh.alagarsamy\HP\_Project\QA-Training. |
| 3 | Run the command: dir /o-d | Directory listing is sorted by last modified date, with the most recent files listed first. |

Pass Condition

Files are listed in reverse chronological order, with the newest files at the top.,

Fail Condition

Files are not sorted by date or are listed in ascending order (oldest first).

Testcase – 4

Display Directory Listing in Bare Format (/B)

Environment : windows, command prompt

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Output |
| 1 | Open command prompt | Command prompt window opens successfully. |
| 2 | Navigate to the folder: cd C:\Users\athesh.alagarsamy\HP\_Project\QA-Training | Successfully navigates to the folder C:\Users\athesh.alagarsamy\HP\_Project\QA-Training |
| 3 | Run the command: dir /B | Directory listing is displayed in **bare format**, showing only the file and folder names without size, date, or other info. |
| 4 | Review the output | Only names of files and folders are shown, each on a new line, no extra formatting. |

**Pass Condition:**  
 Only names are displayed, no timestamps, sizes, or other details.

**Fail Condition:**  
 Detailed information (like date, time, size) is shown, or formatting is not bare.

Testcase – 5

Display Directory Listing Including Subdirectories Recursively (/S)

Environment : windows, command prompt

|  |  |  |
| --- | --- | --- |
| Step | Action | Expected Output |
| 1 | Open command prompt | Command prompt window opens successfully. |
| 2 | Navigate to the folder: cd C:\Users\athesh.alagarsamy\HP\_Project\QA-Training | Successfully navigates to the folder C:\Users\athesh.alagarsamy\HP\_Project\QA-Training |
| 3 | Run the command: dir /S | Displays the directory listing including **all subdirectories and their contents** recursively. |
| 4 | Review the output | Files from the current directory and all nested folders are listed with full path context. |

**Pass Condition:**  
 Files from all subdirectories are displayed, clearly separated by their path.

**Fail Condition:**  
 Only the contents of the current directory are shown; subdirectory contents are missing.