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| Use Case | What is happening | Pre-requisite | Pre-condition | Post-condition |
| 1 | Installing | Internet |  | Installs Prog |
| 2 | Opening Software | Prog Installed, internet | No internet | Leaves a warning needs internet closes |
| 3 | Opening Software | ^ | Internet | Opens and waits for user interaction |
| 4 | Selecting location to Download to | ^ | Internet, drive is there, permission to use | Change the directory to save to |
| 5 | Selecting location to download to | ^ | Internet, invalid drive | Warn the user that drive doesn’t exist |
| 6 | Selecting Location to download to | ^ | Internet invalid permission | Warn the user you don’t have permission to use that folder |
| 7 | Inputting URL from youtube | ^ | Internet , URL is not a playlist URL | Warn the user that the URL is invalid |
| 8 | ^ | ^ | Internet URL is a playlist | Download videos in a multi-threaded environment |
| 9 | ^ | ^ | Name is already taken for a file | Add a number at end until it finds a non-used number |