Top of Requirements Diagram

req Requirement Diagram

<<testCase>>
View Page (no log in required)

<<verify>>

<<testCase>>
Sign up

<<verify>>

a
<<requirement>>
Homepage

Text = "All listings can be viewed on the home page in tiled format and must be visible to all users"
ID = "INT-1"
source = "Interview"
kind = "Interface"
verifyMethod = "Test"
risk = "Low"
status = ""

a
<<requirement>>
Create Account

Text = "A user must create account to access majority of website."
ID = "REQ-8"
source = "Interview"
kind = "Functional"
verifyMethod = "Test"
risk = "Low"
status = ""

M
<<requirement>>
Sign up fail

Text = "If username is already in use, must generate an error message."
ID = "REQ-8.REQ-1"
source = "Interview"
kind = "Functional"
verifyMethod = "Test"
risk = "Low"
status = ""

<<satisfy>>

a
<<requirement>>
Usernames

Text = "Each user must have a unique username"
ID = "REQ-9"
source = "Interview"
kind = "Functional"
verifyMethod = "Test"
risk = "Low"
status = ""

Unable to determine how to represent test case reliance on a different test case, have done so using dependencies and including log in steps in each subsequent test case. Also Used <<extends>> keyword as per Dr. Abdalbari

<<extends>> User must have created account to log in

<<extends>>Must be logged in to view these pages

<<testCase>>
Attempt Log in

<<testCase>>
View Page (log in dependency)