5. The web application will be optimized for these screen resolutions:

   - Extra small devices, Phones: less than 768px
   - Small devices Tablet: min-width:768px
   - Medium devices Desktops: min-width:992px
   - Large devices Desktops: min-width:1200px

   This cannot be tested in a sensible manner - apart from relying on the rendering engine used, the test would have to analyse the on-screen result of some particular screen, and thus would be more error-prone than the thing it is trying to test.

6. User should receive search results within 5 sec. if their device's connection to the Internet has a download speed of 1 Mbps, and their upload speed is 256 Kbps.

   Test

   (a) Computer A sends search data Q across network N to computer B, and notes time T.

   (b) B receives and runs Q, and sends result R across N to A

   (c) A receives R and notes time T'

   Equivalence classes

Upload speed	Download speed
< 1 Mbps down	< 256 Kbps up
≥ 1 Mbps down	≥ 256 Mbps up

   Boundary partitions

Upload speed	Download speed
= 1 Mbps down	= 256 Kbps up

   Test results

Input	Expected results
0.5 Mbps down, 128 Kbps up	A receives R
0.5 Mbps down, 256 Kbps up	A receives R
0.5 Mbps down, 0.5 Mbps up	A receives R
1 Mbps down, 128 Kbps up	A receives R
1 Mbps down, 256 Kbps up	A receives $R \wedge (T' - T) \le 5$ seconds
1 Mbps down, 0.5 Mbps up	A receives $R \wedge (T' - T) \le 5$ seconds
2 Mbps down, 128 Kbps up	A receives $R \wedge (T' - T) \le 5$ seconds
2 Mbps down, 256 Kbps up	A receives $R \wedge (T' - T) \le 5$ seconds
2 Mbps down, 0.5 Mbps up	A receives $R \wedge (T' - T) \le 5$ seconds

7. New data (XML files, translations, interpretations and scanned pages) should be imported via SFTP to dedicated folders for them. (via web interface, drag and drop function, filter out directories, only files which are supported)

   This cannot really be tested in a black-box manner because the file-system should not be exposed to the user - thus we cannot know which folder a file actually resides in

8. The system should be reliable and available at least 363 days in the year.

   This is not testable