Building a simple Web-Application for Analyzing Web-Sites

The objective is to build a web-application that does some analysis of a web-page/URL.

The application should show a form with a text-field thus the user can type in the URL of the web-page being analyzed. Additionally to form should contain a button for sending the input to the server as well as to trigger the server-side analysis process.

After processing the results should be shown to the user in terms of a simple table below to the form. The result comprises the following information:

- What HTML version has the document?
- What is the page title?
- How many headings of what level are in the document?
- How many internal and external links are in the document? Are there any inaccessible links and how many?
- Did the page contain a login-form?

In case the URL given by the user is not reachable an error message should appear below the input form. The message should contain the HTTP status-code and some useful error description.

The application has to be set up as Maven project that produces a WAR archive which can be deployed to a JEE-Web container (Tomcat, Jetty etc.). HINT: for document analysis consider using a library such as Jsoup!

Please provide the result as a ZIP/JAR-archive with this content:

1. The Maven project with all source files
2. A short text document that lists the main steps of building your solution as well as all assumptions/decisions you made in case of unclear requirements or missing information

Thank you for your cooperation!