THE NEO-FUTURISTS
Technical Specifications

General Technical Specifications

What computing platform will the majority of users view the content on? Operating system?
Windows XP is the dominant (74.9% market share) operating system[1]; this site will be designed with a Windows XP-enabled PC as it's target machine. It should be noted that reasonable efforts will be conducted to ensure project viability on all platforms, operating systems.

What is the minimum processor speed required?
To ensure ease of browsing and site navigation, a 1GHz minimum processor speed is required.

What is the minimum RAM required to view content?
256 MB is the minimum required RAM.

What is the minimum resolution and color depth of a user's monitor?
A monitor resolution of 1024x768 and a color depth of at least 65k colors is required for the proposed site. 80% of Web users meet the resolution requirements, while 97% meet the color depth recommendations[1].

Internet-Enabled Applications

What browsers will your content support? Versions?
All modern 4.0+ version browsers will be supported. As of January 2007, over 55% of Internet users employ the Windows Interent Explorer browser[1]. The project will be targeted for those browsers. However, as Internet Explorer is one of the least W3C standards-compliant browsers available, all measures will be taken to confirm project integrity on other major browsers (ie. Firefox, Safari , Opera).

What plug-ins or 3rd party software are required to view content?
FlashPlayer 8 and the QuickTime plug-ins are the anticipated required browser plug-ins.

What is the minimum recommended speed of the target user's Internet connection?
A minimum connection speed of 115.2 Kb/s is recommended.

How will loading content be addressed for users with a slower connection?
Site images will be optimized, scripting will be kept compact in order to decrease browser rendering time.

Device-Specific Applications

Can standard graphic and authoring programs be used to develop content for this platform and if so, are there development restrictions, plug-ins, or specific alterations to consider?
It is anticipaated Adobe Illustrator & Photoshop CS2, as well as Macromedia Flash 8 will be the graphics programs used, While BBEdit and Adobe Dreamweaver 8 will be utilized for site development. There are no restrictions, additional plug-ins, or alteration anticipated in the devlopment of this project.

What authoring environment, programming languages, and applications are required to develop content specific to this device?
This site will be developed and deployed within a Joomla (version 1.012) framework. Inside this paradigm, HTML, CSS, Javascript, PHP, and ActionScript-enabled components will be employed to render content. As of January 2007, 94% of Web-browsers have JavaScript enabled[1].

Will people with disabilities access your content and if so, what compliance standards must you adhere to?
It is expected that people with disabilities will access this site. W3C Accessibility recommendations[2] will be implemented throughout.

Sources
[1] Browser Statistics. Retrieved February 8th, 2007 from
   http://www.w3schools.com/browsers/browsers_stats.asp

[2] WCAG Overview. Retrieved February 8th, 2007 from
   http://www.w3.org/WAI/intro/wcag.php