Requirement Specification for Mozilla Reconfigurable Toolbar

K. V. S. R. Sastry 02305033

P. P. C. Srinivas 04305809

S. Suman 04305022

September 10, 2004

Contents

1 Introduction **3**
1.1 Purpose of this document 3
1.2 Organization of the document 3

2 Overview **3**

3 Functional Specifications **3**

4 Software Requirements **4**

5 Conclusion **4**

1 Introduction

1.1 Purpose of this document

This document gives overview about the **Mozilla Reconfigurable Toolbar** along with the requirement specifications for the same.

1.2 Organization of the document

In section 2, we give a brief overview of the Mozilla Reconfigurable Toolbar. In section 3, we specify the Software requirements toward the project. Section 4 deals with Functional Requirements. Concluding details are provided in section 5.

2 Overview

A Toolbar in a browser provides easy way to access the various facilities provided by the browser. Using the toolbar, the different options and facilities will be one click away from the user. Currently Mozilla browser provides basic Toolbar through which user can navigate through the history of URLs visited by the user. It also provides facilities to plugin some new Toolbars such as Google Toolbar through which the user cannot configure to his need but only use the facilities provided by the static toolbar. This is where Reconfigurable Toolbar comes into play. A Reconfigurable Toolbar provides the facilities for the user to customize the toolbar in a convenient manner to use.

3 Functional Specifications

This project aims at providing core information at different sites of different domains in the toolbar of the Mozilla browser. Number of toolbars or a toolbar divided into number of tabs will be provided to view different information from different sources simultaneously. For example, user can view the headlines of BBC News in a scrolling toolbar along with the Rediff cricket score card simultaneously in the same toolbar or different toolbars of the Mozilla browser. Support for automatic refreshing of the information will also be provided. A brief listing of the functionalities is as follows:

- **Domain Configuration** The user can add or delete different domains like NEWS, Sports, Music, Business etc. according his interest
- **Website Configuration** The user can add or delete the required websites in each category. For example in the domain News, one can add India Times, BBC, CNN etc.

- **Refresh Rate Configuration** The user can select the rate at which the information has to be refreshed. For example score refreshing in Rediff cricket score card can be selected as say some seconds
- **Toolbar Configuration** The user can select to have multiple toolbars or divide single toolbar into tabs and also he can select whether toolbar is scrollable or static.

4 Software Requirements

- Scripting Language: XUL
- XML
- RSS - Really Simple Syndication

5 Conclusion

Default Toolbars provided by the browsers are not useful to the users to configure to their need. Reconfigurable toolbar helps the user to customize to his needs which overcomes the disadvantages of the default and static toolbars at present.