

## **Feature-rich Discussion Board Component with a Single Threaded Web Communication Channel**

---

<b>Vision</b>	The project is aimed to develop the Discussion Board is a message board system online and interactive discussion board in server-client architecture. Based on GNOME libraries and its own xml based protocol, it provides mailing list style discussion, RSS style viewing and overcomes the clumsiness of web based forums.
<b>Project Specification</b>	This system can be used as an application for the any web based application to raise the issues on related topics. User logging should be able to upload the information of the user.
<b>Functional Components</b>	<p>The Following are some Functional Components provided by the System:</p> <ul style="list-style-type: none"><li>• Discuss online or over email<ul style="list-style-type: none"><li>▪ Start a discussion in your own group</li><li>▪ Create rich, custom pages</li><li>▪ Customize your look and graphics</li></ul></li><li>• Your account and profile<ul style="list-style-type: none"><li>▪ Your account</li><li>▪ Your profile</li></ul></li><li>• Pages and posting<ul style="list-style-type: none"><li>▪ Rating a post</li><li>▪ Uploading files and photos</li><li>▪ Creating pages</li><li>▪ Posting</li></ul></li><li>• Managing your group<ul style="list-style-type: none"><li>▪ Managing your members</li><li>▪ Customizing group settings</li></ul></li><li>• Searching<ul style="list-style-type: none"><li>▪ Finding a group</li><li>▪ Finding a page or post</li><li>▪ Refining a search</li><li>▪</li></ul></li></ul>
<b>User Interface Requirements</b>	Web based , user friendly interface
<b>Database Requirements</b>	Centralised
<b>Integration Requirements</b>	Web/Pervasive enabled

**Preferred  
Technologies**

Solutions must be created using

- HTML, CSS (Web Presentation )
- JavaScript (Client-side Scripting)
- Java (as programming language)
- JDBC, JNDI, Servlets, JSP (for creating web applications)
- Eclipse with MyEclipse Plug-in (IDE/Workbench)
- Oracle/SQL Server/Access (Database)
- Windows XP/2003 or Linux/Solaris (Operating System)
- BEA WebLogic/JBoss/WebSphere (Server Deployment)

**Other Details**

The application should be highly secured and with different levels & categories of access control.