

HW2 - Tools for web systems - 15 %

Tool	Characteristics	Advantage	Disadvantage	Requirements
Testlink	Provides support for managing test cases. Can be hosted on a server. Can be integrated with bug tracking tools.	Can be used for manual and automated tests.	Doesn't have bug tracking.	A web server A database manager Php 5.2 or higher.
Bugzilla	Advanced search capabilities. Notifications controlled by user.	It offers free support.	Customization. Works slowly.	HTTP server, and a conventional browser.
JMeter	Test automation framework for web and mobile applications on IOS, android and windows.	Simple and affordable.	The interface and the results report are bad. Impractical when performing actions such as copying components.	Computer with 2GB in Ram. Java virtual machine.

I would use Bugzilla because it is one of the best and most popular bug tracking tools. It is so well known that it will be used as the basic against which other tools are measured. Bugzilla provides a simple interface that helps get the job done, which is to report/fix bugs. The controls are intuitive and self-explanatory. You don't need a huge manual to figure it out. User can easily search for errors with multiple search options. All notifications are made by email, so it is very easy to use. Any update on an error will be notified and the scheduled reports that has are another very useful feature.