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Staff and Students at Aber Uni

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# Server-side

We have decided to use a small enterprise style system, which will be hosted on Chris Lloyds VPS (virtual private server). While this would normally not be hosted on a single server (due to security), it does allow almost all of the benefits such as it being ‘live’(non-local), 99.9% uptime and self-managed hosting. It also gives us some experience with how to deal with ‘real world’ solutions that we may come across in our future lines of work.

## Hosting

The hosting has been sorted by Chris Lloyd; he has allowed the group to use his VPS which he has installed apache http server, MySQL database and a tomcat. Chris Lloyd has also purchased the domain monstermashgame.co.uk to which he has added an A-record to the VPS’s IP.

## Apache http

Apache is used to handle http requests; this will mainly involve sending html pages that has been requested. Apache is the world’s most widely used http server and is used as the standard in industry.

## MySQL

MySQL, while not being used at the higher end of the corporate market (held by Oracle), it does allow us to use an enterprise like database system, as it is quite commonly used for small to medium sized business and is often used on small scale web hosting.

## Tomcat

Tomcat as a project, is developed by the apache foundation. Tomcat is widely deployed as a “java application server”, all though through the various configurations it can be used to make a mass distributed java cluster. This is to say that it is possible to run a single java application across a distributed processing cluster.

## Server side conclusion

While there is other software out there that may do a better job, we found that by sticking to the widely used software, implementation and application, we would find a good, well rounded base knowledge in the area of server side web applications.