**Backend Overall Model**

The system backend must run on a Linux operating system. The application server and the database system will work concurrently in the same machine to satisfy the proposed prototype product. The different implementation solutions are still in analysis and requires more research.

Apache Webserver server will be used to serve the Webpages accordingly. PHP is the language that will be used in the application server.

The backend system should avoid doing any heavy computation or rendering to the client side such that most of the processing and rendering is done on client’s side. It should minimize the use of the server.