

Assignment 1.9

A record keeping system for a chain of hospitals

Server

- 1) Database Server
- 2) Application server
- 3) Web Server

Server Configuration

- 1) Storage - Using a network-attached storage for scalable and high-performance storage.
- 2) Redundancy - Implement redundancy at various level to ensure high availability with data replication.
- 3) Security - Data encryption and firewalls.
- 4) Maintenance and Updates with Back-up and recovery stored in storage

Virtualisation

- 1) Virtualisation - Using VMs to run different components of the system to help with resource allocation, isolation and management.
- 2) May also use virtualisation to aid of testing and it would simplify hardware management.