

HIGHER TECHNICAL INSTITUTE	PROJECT NO 3701 A
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HIGHER TECHNICAL INSTITUTE

**COMPUTER STUDIES
DEPARTMENT**

**DIPLOMA PROJECT
(USER MANUAL)**

WEB-BASED HEALTH CARE SYSTEM

CS/377

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Introduction

The generation of web Applications has brought about a shift in the way we install applications. We no longer talk of installation but rather deployment. Gone are the days when, if you need to support 100 users or clients, you would have to install your application on 100 client pcs and one server version on the server. That required a lot of man hours and not to mention cost. And what happens every time there is an update or version upgrade? The whole process will have to be carried out over again.

Web Applications have changed all this. The application itself only needs to be deployed onto a web server and nothing needs to be installed on the client side. Once the application is up and running on the server, any number clients can connect through their web browser. And in the event that you need to carry out an upgrade, all that is needed is to upgrade the application on the server and it is business as usual on the client side.

Companies used to allocate millions into the production of upgrade and installation disks, all that is needed now is just one installation for the web server and pronto the application is up and running.

This project was conceived and designed with a national scope and responsibility of which should most ideally fall within the auspices of the ministry of health or preferably an agency set up specifically to implement and regulate government IT solutions. Due to the sensitivity of patient records it is not recommended that such an application be put in the hands of just any web hosting facility.

At the moment, most governments already have some applications running on the web and it is quite safe to assume that, there is a government department in charge of implementation and support of web hosting facilities. The .gov domain.