

SYNOPSIS

(BCA 357: Minor Project)

ON

E-Learning System

AS

THE PARTIALFULFILLMENT OF THE REQUIREMENT FOR

SUCCESSFUL COMPLITION OF THE AWARD OF

BCA

To

**Guru Gobind Singh Indraprastha
University, Delhi**

Under the Guidance of **Dr. Ashwani Rathee**

Faculty Guide



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Team Members

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Introduction

E-Learning is the computer and network enabled transfer of skills and knowledge. It includes out-of classroom & in-classroom educational experiences via technology. E-Learning is naturally suited to distance learning and flexible learning. It is available anywhere, anytime. It is a self paced interactive instructive presented over the Internet to browser equipped learners. The E-Learning solution is empowering, engaging, effective and economical.

Early E-Learning systems, based on computer based learning (CBL) & training often attempted to replicate autocratic teaching styles whereby the role of the e-Learning systems was to transfer knowledge, as opposed to the systems developed later which were based on computer supportive collaborative learning (CSCL) which encouraged the shared development of knowledge. Now a day, it is an increasing trend to create virtual learning environment (VLE).The courses offered by the environment is interactive.

Why e-learning is the most effective solution?

Many employers and learners cannot afford time to a class. Travelling itself makes the learning process expensive & disruptive. E-Learning is revolutionizing the learning world by eradicating the geographical boundaries. The resources are available 24*7 a week, and any computer enabled with Internet facility can use the system. E-Learning ranges over a number of subjects & has a number of features

Justification of language and platform used

1) Software Requirement specifications:

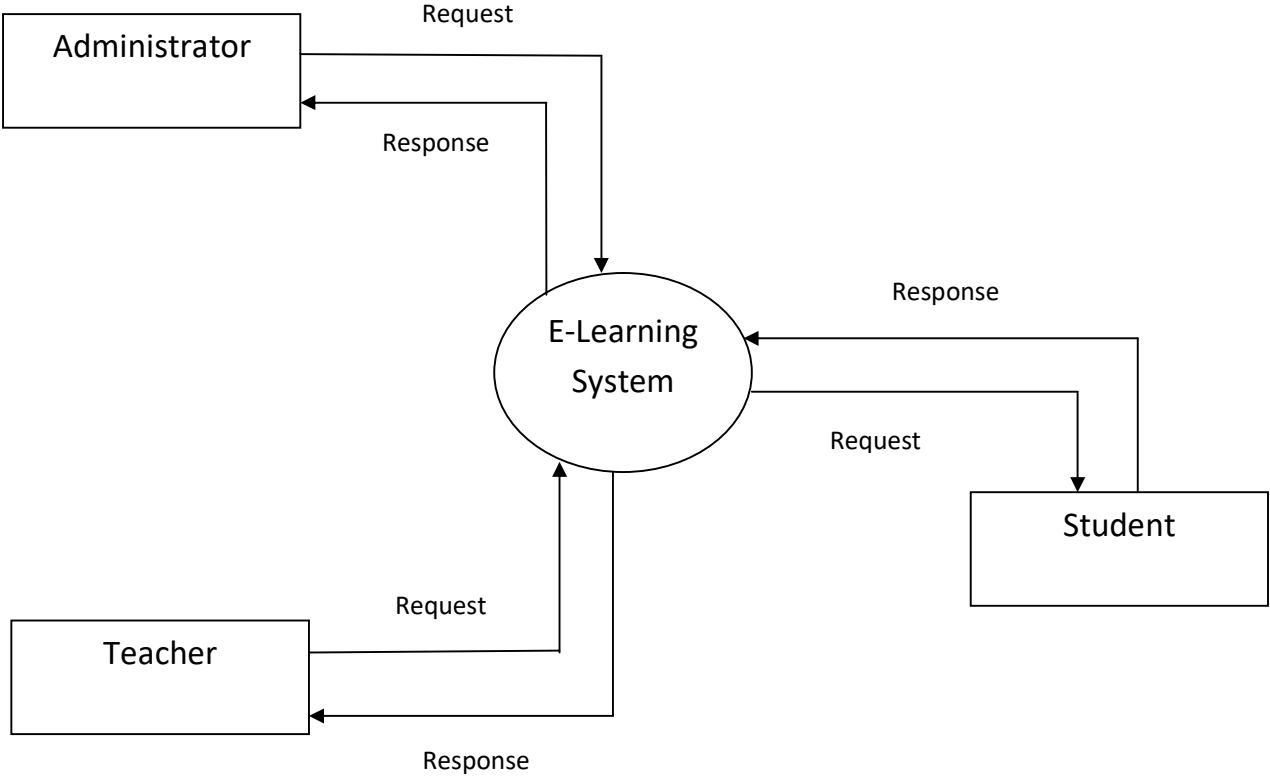
- Visual Studio code for Coding
- XAMPP
 - Apache Server
 - MYSQL for database
- PHP
- Html ,CSS & Java Script etc
- Bootstrap version-4.0
- Internet explorer 6.0, chrome or any Supported browser.

2) Hardware:

- For client site:
 - Pentium 4
 - 256 MB RAM
 - 1 GB HDD
- For server site:
 - Xeon based or higher end server
 - 4GB RAM
 - 200 GB disk space

Data Flow Diagram (DFD)

DFD-Level-0



DFD-Level-1

