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# **PROJECT PROPOSAL**

**CST 291-2**

**Group No: 09**

.

**Department of Computer Science and Technology**

**Uva Wellassa University**

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**Group Number : 09**

**Project Title:** Zonal education office domain system

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# Chapter 01

## 1.1 Project Title: Zonal education office domain system

### 1.2 Introduction

We are spending our life very competitively today. But technology has revolutionized the life of human beings and has made lives easier by the various kinds of technics. As the students we concerned about this. In this situation we gave our attention about web site. A web site is a software system that is design to search for information on the World Wide Web. So our aim is to create a web site for the zonal education office as our project.

When we are educating time is very important. Nowadays if zonal director want to send a message to schools such as teacher training they happen to send letters by post. It get two or more days to receive. Because of that efficiency is flow. So offices generate different types of reports according to the details of the zone. Lots of time they gather the information from files. They spend approximately one or two week to achieve their task.

Zonal education office domain system is a project which aims in developing a website to publish important details of the zonal education office. Our idea is to reduce wastage and increase the efficiency of the zonal education office. This project has some features. It has a facility of admin login through which the admin can monitor the whole system. The main persons in the office can login to the web site and they generate reports. It has a facility of school login through which school can send them complains. So anyone can view the main details of the website without login.

### 1.3Project Scope

- ✓ This is a web site, which facilitate to the director and officers to maintain the zone properly.
- ✓ The schools can inform about their defects to zonal education office via the web site.
- ✓ Normal persons can see the main details of the zone such as school result percentages.
- ✓ The administrator can maintain the system.
- ✓ To recall the information efficiently.
- ✓ To identify the areas of need that should be improve in the zone.

## 1.4 Project Objective

- ✓ To develop a web site which publishes the main details of the zonal education office.

## Chapter 02 : Requirement Identification

### 2.1 Functional Requirements

- ✓ Display the main categories on the home page.
- ✓ Display a description of zone since past to present.
- ✓ Display the main details of the roles who are related to the zone.
- ✓ Display the details of schools under to school name.
- ✓ Update, delete and insert the school details.
- ✓ To generate reports users must login to the web site using the user name & password.

### 2.2 Non Functional Requirements

- ✓ If the director, officer, ISA, school forgot the password or username, the system allows them to reset the username and password.
- ✓ **Security** - Before generate a report, user must login with an account. The system allows reducing the paper based work as much as possible.
- ✓ **Usability** - The system is designed for a user friendly environment so that visitors of web site can perform the various tasks easily and in an effective way.
- ✓ **Efficiency**– Display details as summary according to the title.

### 2.3 User Levels and User Roles

**Admin** - Administrator is responsible for maintaining the web site by editing. Administrator is the person who can manage every user accounts in the web site.

**Director** – Director is the main character in the zonal office and he can publish notices via web site. Director can generate reports such as how many teachers in his zone for each subject.

**Officer**– These users are the persons who can generate the reports via login to the web site by using the user name and password. Officers can do director's work in the web site with director's permission.

**School** – School can send their defects and complains to the zonal office via the web site.

## Chapter 03 : Methodology

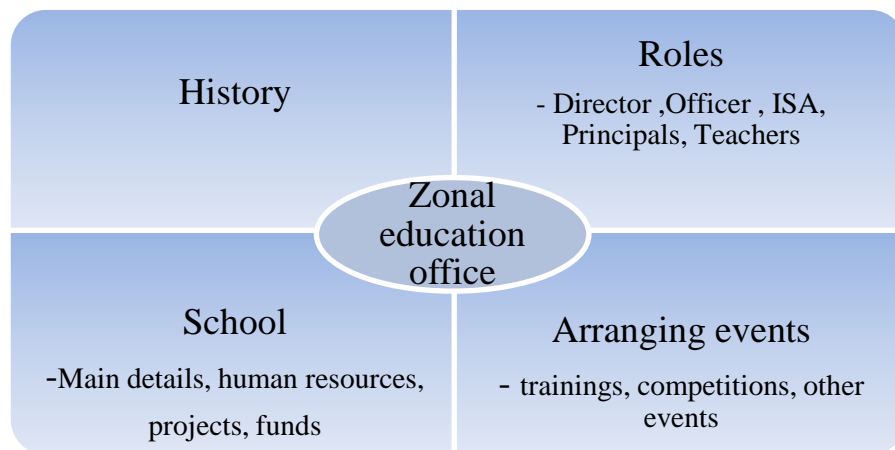
This project is a web site for the zonal education office domain system. We use waterfall model to develop web site.

✓ **Information gathering**

We gather information from the zonal education office. Then we get the solid understand about the web site. We give attention to the purpose, aims, target audience and what is the content of web site. From these things we can get clear idea about user requirements & what kind of interfaces we want to create.

✓ **Planning**

We divide the gathering information to main sub topics such as below.



From the planning part we decide what the technologies we want to use.

✓ **Design**

In this part we design the interfaces , databases as we want. When we design we consider about colors it also very important.

✓ **Implementation**

After design , we start coding part according to our design.

✓ **Testing**

Testing is we use to check , the user requirements are achieve correct or not. So we check the web site meets the current web development standards.

## **Chapter 04 : Resources**

### **4.1 Software Requirements**

Database: MYSQL

Interface: HTML5, CSS, Bootstrap

Documentation Tools: MS office

### **4.2 Hardware Requirements**

PC/Laptop

Printer

## Chapter 05 : Project Plan (Gantt Chart)

| Plan/Week                                       | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| Finding a topic & requirement gathering         |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Proposal writing and planning                   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Proposal submission and making changes          |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Database and interface designing                |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Draft report 1 submission                       |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Database and interface implementation session 1 |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Interim report submission and presentation      |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Database and interface implementation session 2 |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Draft report 2 submission                       |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Testing and validation                          |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Documentation                                   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |
| Final report                                    |   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |



