

A Project Report on  
**WEB DEVELOPMENT SCS**

Project report submitted to

Department of Computer Science  
School of Computer Sciences

By

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MCA II Semester

Under the Guidance of

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*September 3, 2022*



CENTRAL UNIVERSITY OF KARNATAKA

Department of Computer Science

## CERTIFICATE

This is to certify that the report entitled **Web Develoepment SCS** submitted by **Ravi Kumar** bearing Registration Number: **2021MCA14**, studying in MCA II Semester, to the Central University of Karnataka, Kadaganchi, Kalaburagi, is a record of the original project work carried out by him/her under my guidance and supervision during the II semester of MCA course. The work embodied in this project report has not been submitted fully or in part any where else.

Place: Kadaganchi  
Date: September 3, 2022

**Dr. Gururaj Mukarambi**  
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## DECLARATION

I hereby declare that the work embodied in this report entitled **Web Development SCS**, submitted to Central University of Karnataka, Kadaganchi, Kalaburagi is a record of my original project work carried out by me in the Department of Computer Science, Central University of Karnataka, Kadaganchi, Kalaburagi, under the guidance of **Dr. Gururaj Mukarambi**, and that the full of part of this report has not been submitted to this or any other University or Institute.

Place: Kadaganchi  
Date: September 3, 2022

**Ravi Kumar**  
MCA II Semester  
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Kadaganchi, Kalaburagi

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Place: Kadaganchi  
Date: September 3, 2022

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# **1 Introduction**

We are carrying out the project on developing dynamic website for the School Of Computer Science in Central University of Karnataka, Kadaganchi, Kalaburagi.

## **1.1 Why this project?**

Our department owns a website which was developed for the purpose of providing the department related information to students. Till now this website is static. It is very difficult to update the notifications and the contents in this site. Hence, This website will be dynamic. Where all the data fetch from data base and easy to handle for admin, faculty and alumni from the control panel with required restriction. We are providing multiple modules for every single application like Alumni, department, Dean Massage, Flash news, ...etc. Every module attaches with database and managed by its form or authorized user.

## **1.2 Goal of project**

- Make this site more user friendly.
- New students who are interested to be part of our department can also access this site easily.
- Flash News easy to manage.
- Design a beautiful Gallery with dynamic approach

# **2 Hardware and Software Requirement**

The following are the hardware requirements which are minimum needed to develop this project,

## **2.1 Hardware**

- Processor - core i3 dual core
- Memory of user PC- 512MB RAM
- Disk space of user PC-5GB
- Memory of server PC-8GB
- Network Connection-15Mbps
- Disk space of server-200GB
- Printer- To print documents

## **2.2 Software**

- IDE : vscode studio, mysql workbench
- SERVER : XAMP
- BACK-END : php, mysql, ajax, javascript
- FRONT-END : html, css, JQuery



## **3 Overview Of Required Technology**

In this project PHP server side programming technology integrated with MySQL database .

### **3.1 HTML:**

Hyper text markup language this is used to display web pages. It is fundamental component of webdevelopment. Without using html tag we can't create web based application. HTML can embed scripts written in languages such as Java scripts which affect the behaviour of HTML web pages. HTML mark-up can also refer the browser to Cascading Style Sheets (CSS) to define the look and layout of text and other material. The WORLD WIDE WEB CONSORTIUM (W3C), maintainer of both the HTML and the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.

### **3.2 CSS:**

Cascading Style Sheets is used for styling web pages with attractive layouts as well as better view provide with full flexibility. we use css in three ways: Inline CSS, Internal CSS and External CSS

### **3.3 Bootstrap**

Bootstrap is an enhance form of css where we get a bundle of css code to make the front -end development easy for us. Bootstrap is a free, open-source HTML, CSS, and JS framework containing templates for text, forms, buttons, navigation, and other relevant interface components. Being a front-end framework, Bootstrap is an interface for the user, unlike server-side code that resides on the back-end server. With Bootstrap, web developers can concentrate on the actual development, without Worrying about design, and

get a good looking website up and running quickly. Bootstrap can be used in any development environment or editor, and any server-side technology and language, from ASP.NET to PHP to Ruby on Rails.

### **3.4 Java Script:**

JavaScript is a text-based programming language used both for client-side and server-side scripting that allows you to make web pages interactive. It also use for validation or some event operation. JQuery is a package form of java script where we get basic predefine function to perform task.

### **3.5 PHP :**

Hypertext Processor is a general-purpose scripting language this is mainly used for the web development of dynamic web pages,in HTML,XML, or other document types and it is easy to understand, PHP is an open source software . PHP is mostly associated with software's like MySQL, Text Editors and Apache Server which are also free of cost in market, so it proves very cost effective for the developers. PHP scripts can run on various kinds of web servers and operating systems such as Linux, Windows, Solaris, and MacOSX etc and provide support for all major web servers such as Apache,Php is completely free of cost. php is Simple and fast , Efficient , Secured and Flexible.

### **3.6 Mysql :**

MYSQL It has unique storage engine, widely used for accessing queries, updating, and managing data in databases. and mostly MYSQL is compatible with PHP programming language, hence we selected it to manage database system.

## 4 SYSTEM ANALYSIS

- Existing System and Proposed System

### 4.1 Existing System

old system have no any provision to manage the data. Existing system was hard coded. So we need to go with code for any updation or changes. That is very time consuming for the admin.

Disadvantage:

- Hard coded
- No database
- very tough to update or add new things
- No security
- Not responsive view

### 4.2 Proposed System

This project is made with a user-friendly interface as well as admin friendly. so that admin can handle the page by admin dashboard after the success fully login on the admin login form. Here admin have full privilege on the data. These data will be related to alumni, gallery, flash news, important files,..etc. At the user end , They will get a friendly interface. User can direct communicate our faculties through mail. Also see the gallery,alumni,..etc.

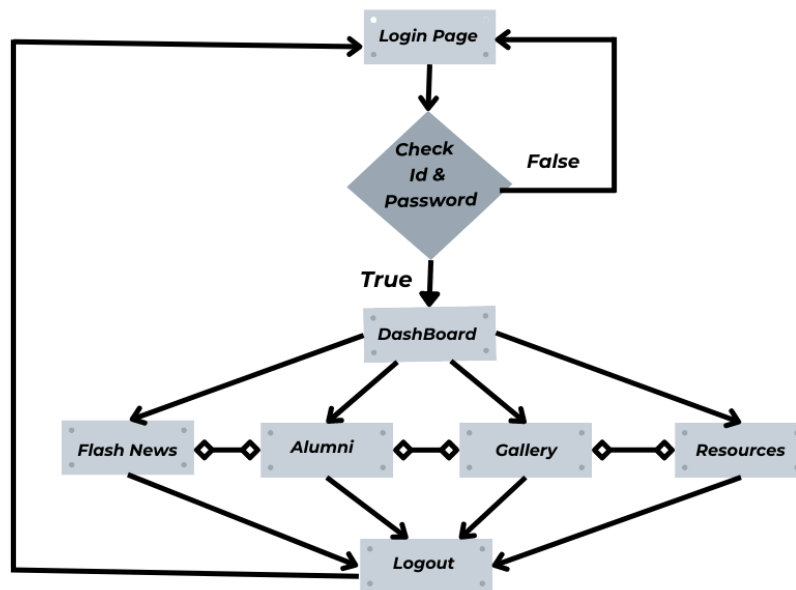
### 4.3 Advantages

- Secured.
- One click upload.

- Clean User Interface.
- The site is convenient and flexible to be used.
- It saves your time and labour cost.

## 5 DFD

- login Page : This page for verify the admin from the database.After Success full login user access Dashboard.
- DashBoard: In this dashboard, Admin can perform task like creating notification,adding images to gallery,adding download resources,etc;



## 6 Screenshot



Figure 1: Homepage-Banner

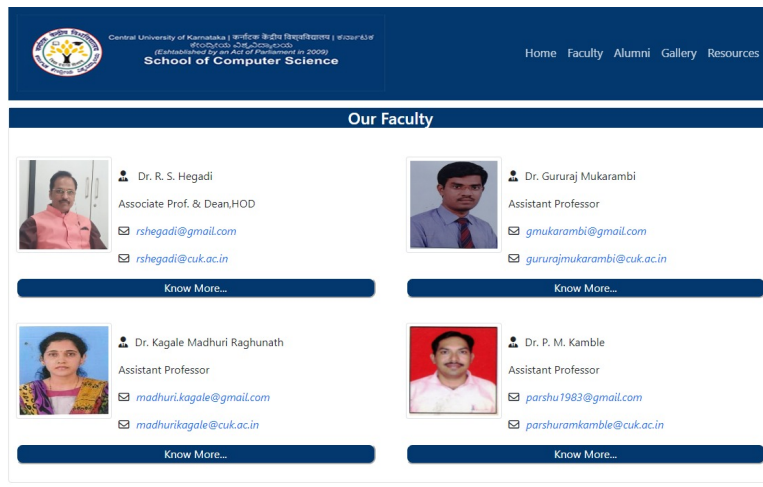


Figure 2: Faculty-section

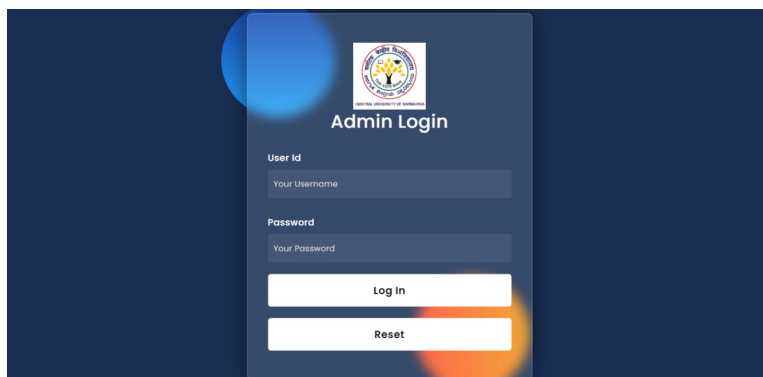


Figure 3: Login-view

## Add News

×

News Headline

Publish Date

dd-mm-yyyy

Source of News

☒ Upload File

☐ Provide url

Choose File

No file chosen

Clear

Publish

Figure 4: Flashnews-creating form



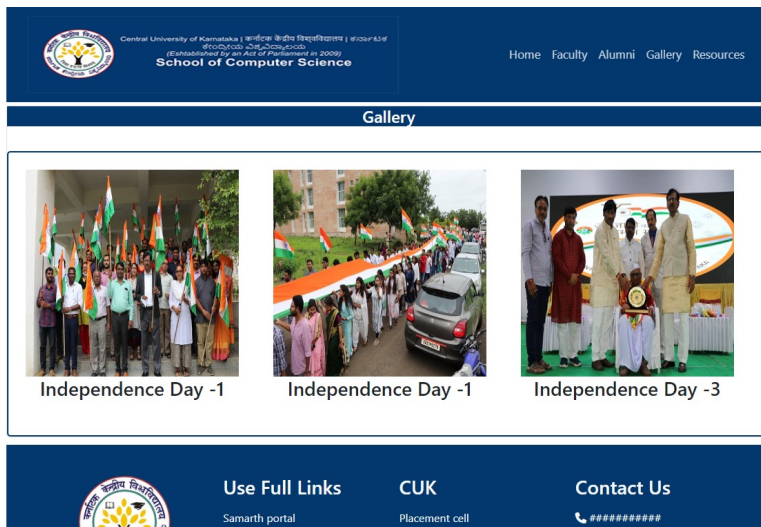


Figure 5: Gallery-view

## 7 Code-snippets

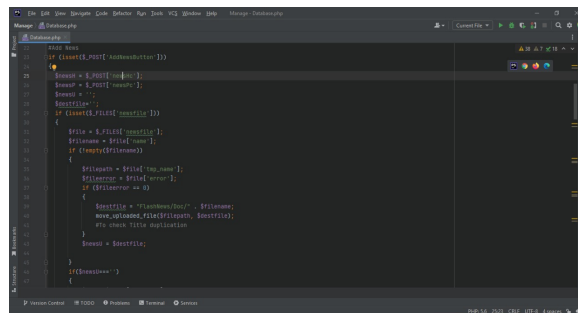


Figure 6: Code for addnews

