

A Synopsis on
WEB DEVELOPMENT SCS

Synopsis submitted to
Department of Computer Science
School of Computer Sciences

By

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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.
- HOD, Faculty and alumni can perform self-registration and maintain own profile by using form and edit profile.
- Maintain the power of validation in the top to down approach.
- Flash News easy to manage.
- Design a beautiful Gallery with dynamic approach

2 Hardware and Software Requirement

2.1 Hardware

- Processor : core i3 and above
- Hard Disk : 500gb
- RAM : 4gb

2.2 Software

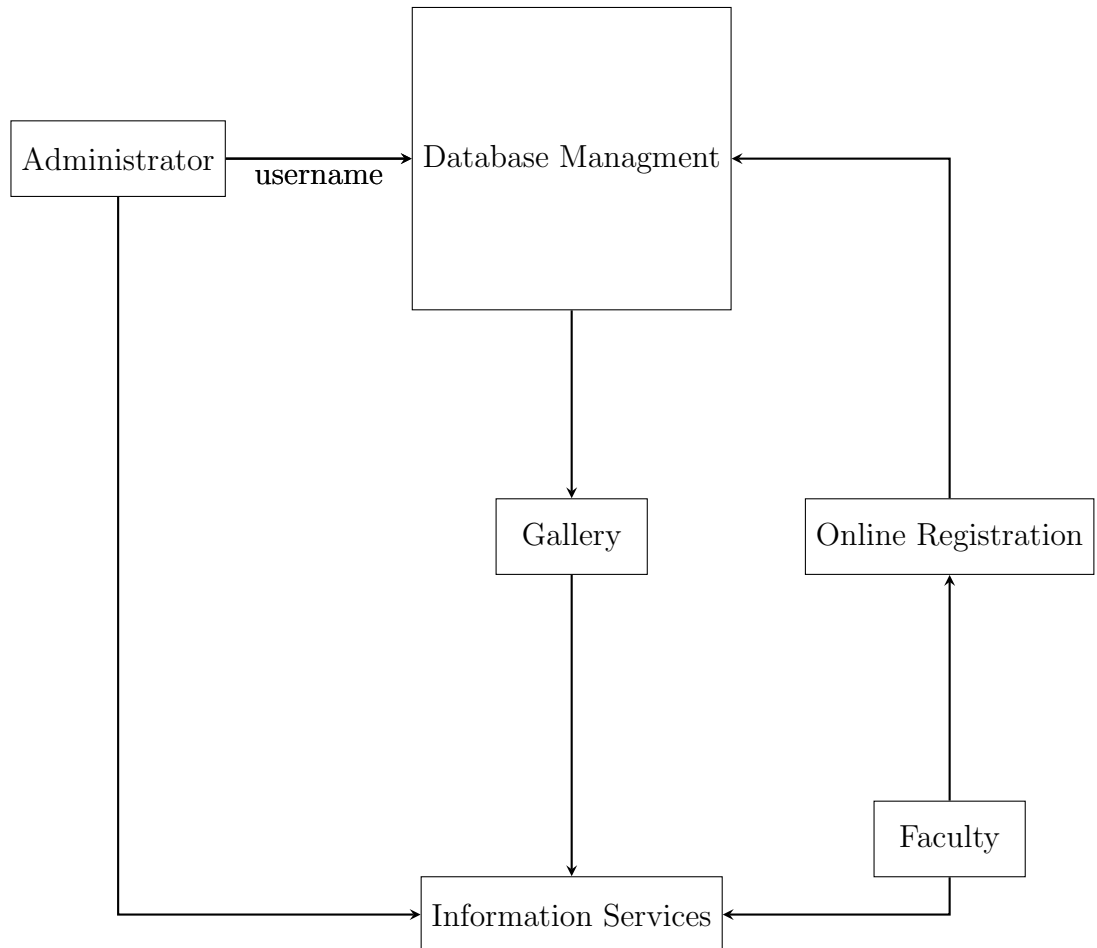
- IDE : vscode studio, mysql workbench
 - SERVER : XAMP
 - BACK-END : php, mysql, ajax, javascript
 - FRONT-END : html, css, vue.js, Quasar framework
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3 Faculty

3.1 Life Cycle of Faculty

- Eligible person can register
- person Login the account
- From dashboard they can update details
- If faculty wants they can remove the account

3.2 Data Flow diagram of Faculty



- The context diagram of Faculty Information System in Figure above illustrates the users input to the system and the output information to the Faculty.
- Figure above presents the process on how Faculty can access the system and the system features. The developed system is composed of four (5) components namely: Online Registration , Information Services , Gallery , faculty and Database Maintenance.

3.3.1 Function of Component

- Online Registration : Faculty can register ownself with basic details like as Name, Designation, qualification,contact number , mail id,...etc.
 - Information Services: Information service provide information about faculty, alumni, research paper,..etc
 - Gallery : this galllery comes with management feature which is manage by admin but image can upload by faculty as well as Alumni.
 - faculty: After registration ad after admin permission facultycan mange the profile by applying update the profile or also can delete.
 - Database Maintenance: It is heart of our project whre data are stored centralised and appropriate data every where distributed according to domain.
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4 Conclusion

I finally conclude that it will create a milestone in the development of our department and all associated members (User, Alumni, FAculy,...). After development of this project every information related to our department will be easily accessible to public.