Smt. K.B. Parekh College Of Computer Science - Mahuva

Semester – 6 Project (BCA-CC-606)

Project Proposal

1. **Tile Of Project**   **Group No: 32**

   ## College Management System

   Name And Signature Of The Student :

   Shiyal Pradip A.

   _____

   _____

   Name And Signature Of The Guide :

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2. **Objectives**
3. **Need For Topic And Modules**
4. **Tools And Technology To Be Used In Project**
5. **Methodology And Procedure of Work.**

Smt. K.B. Parekh College Of Computer Science – Mahuva, MKBU

College Management System

Submitted To

K.B Parekh College Of Computer Science

Developed By

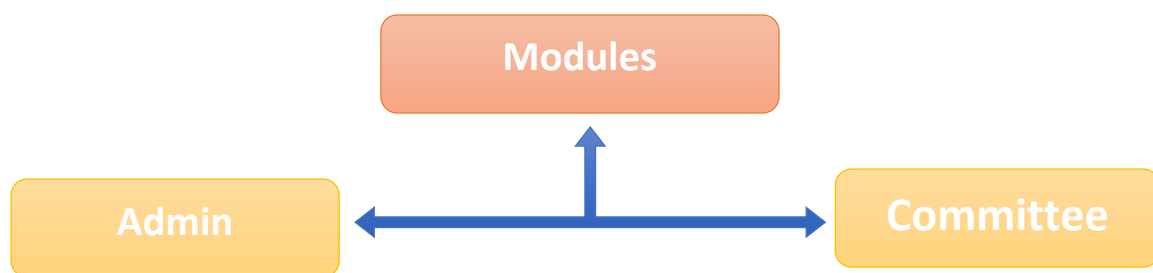### Shiyal Pradip A.

Guided By

Vinod M. Makwana

❖ **Objectives :**
  ➢ **Increase Operational Speed.**
  ➢ **Even More Advanced Than The Old System.**
  ➢ **All The Problems In The Old System Have Been Solved In This System.**
  ➢ **Drastic Reduction In Manual Tasks.**
  ➢ **Elimination Of Paper Based Tasks.**
  ➢ **Makes The Institute Smart And Ready For The Future.**

❖ **Need For Topic And Modules :**

  This System Contains Following Modules,

```
                    ┌──────────────┐
                    │   Modules    │
                    └──────────────┘
                           ▲
                           │
  ┌──────────────┐         │         ┌──────────────┐
  │    Admin     │◄────────┴────────►│  Committee   │
  └──────────────┘                   └──────────────┘
```

  ✓ **Admin Module :**
    • **In This Module System Gatherers And Maintain Lots of information Like Add Notice, Manage Notices, Add Faculty, Manage Faculties, Create Gallery, Manage Gallery And Many More…**
    • **This Module Stores The Information Regarding To All Above Mentioned Part Of Module.**

✓ Committee Module :

- Many Committees Are Running In College And It Is Conducting Various Co-Curricular Activities.
- Co-Curricular Activities Play a Significant Role In The Mental And Physical Development Of Students. These Activities Are An Essential Part Of College Life And It's Structured and Balanced With The Academic Curriculum So That Every Student Gets The Opportunity To Learn Beyond Studies.
- Co-Curricular Activities Help Students To Develop Social Skills, Intellectual Skills, Moral Values And Personality Development In Students' Needs Of Co-Curricular Activities.

❖ Tools And Technology To Be Used In Project :

Tools Used	Vs Code, Chrome, Brave, XAMPP, PhpMyAdmin
Technologies Used	
Front-End Technologies	HTML, CSS, JavaScript
Front-End Framework	Bootstrap
Back-End Technologies	PHP
Back-End Framework	Laravel
Database	MySQL

❖ Methodology And Procedure of Work:

✓ What Is The Spiral Model ?

The Spiral Model Is A Software Development Life Cycle (Sdlc) Model That Provides A Systematic And Iterative Approach To Software Development. In Its Diagrammatic Representation, Looks Like A Spiral With Many Loops. The Exact Number Of Loops Of The Spiral Is Unknown And Can Vary From Project To Project. Each Loop Of The Spiral Is Called A Phase Of The Software Development Process.

Planning or Determining Objectives

Cumulative Cost

Risk Analysis

Risk Management

Prototypes

Release

Design

Code

Test

Evolution

Implementation

Product Development

Review