

# **MCA MINI SYNOPSIS/PROJECT PROPOSAL DETAILS or GUIDELINES**

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(These Topics/Pages are included in MCA Mini Synopsis as given order)

## **COVER TITLE PAGE 01**

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..... At Page 1 .....

(This page may include title of the synopsis, synopsis related images, name of the student, roll no, guider name, university name and its logo, address of the receiving office etc. in proper order)

## **COVER PAGE 02 (OPTIONAL PAGE)**

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..... At Page 2 .....

## **COVER PAGE 03 (OPTIONAL PAGE)**

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## **ACKNOWLEDGEMENT PAGE**

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..... At Page 4 .....

## **FORMS+GUIDER CERTIFICATES**

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(University Project Proposal Form + Roles and Responsibilities Form = All are filled properly along with self attested documents where required/applicable)

..... At Page 5 - 6 .....

# MINI PROJECT PROPOSAL SUMMARY

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SUBJECT/TITLE :

PROJECT CODE :

PROJECT CATEGORIES :

FRONT END & BACK END TOOLS :

GUIDED BY :

PREPD. AND SUBMITTED BY :

ROLL NO./ ENROLLMENT NUMBER :

UNIVERSITY NAME :

REGIONAL CENTER NAME & CODE (If any) :

COLLEGE / STUDY CENTRE NAME & CODE (If any) :

FULL CORRESPONDENCE ADDRESS :

MOBILE NO. :

EMAIL ID :

DATE :

# MINI SYNOPSIS TABLE OF CONTENTS (Total=15-20 Pages)

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Slno.	Topics	Page No.
1.	Title of the Project	
2.	Introduction	
	(i) Background	
	(ii) Objectives	
	(iii) Purpose, Scope & Applicability	
	(iv) Achievements	
3.	Survey of Technologies	
4.	Requirement/System Analysis	
	I. Problem Definition	
	II. System Requirements Specifications (SRS)	
	III. Planning and Scheduling with Chart	
	IV Software & Hardware Requirements	
5.	System Design	
	I Structure Chart (If required to explain)	
	II. ER-Diagram	
	III. Data Flow Diagram (DFD)	
	IV. Use Case Diagram (If required)	
	V. Class Diagram (If required)	
	VI. Other UML Diagrams (If required)	
6.	Number of Modules & its Brief Description	
7.	Database Table Design/Data Structure of Each Module	
8.	Process Logic of Each Module	
9.	Brief Software Testing Process	

10. Security Mechanism

11. Possible Reports

12. Future Scope & Further Enhancement of the Project

# SYNOPSIS TABLE CONTENT DETAILS

## Title of the Project

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(Write title of the project)

## Introduction

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### Background

(Write brief Introduction about the project roughly in 1-2 pages)

### Objectives

(Write objectives/goals about the project making roughly in 1 page)

### Purpose, Scope & Applicability

**Purpose:** Description of the topic of our project that answers questions on why we are doing this project. How our project could improve the system its significance and theoretical framework.

**Scope:** A brief overview of the methodology, assumptions and limitations. We should answer the question: What are the main issues we are covering in our project? What are the main functions of our project?

**Applicability:** We should explain the direct and indirect applications of our work. Briefly discuss how this project will serve the computer world and people.

### Achievements

Explain what knowledge we achieved after the completion of our work. What contributions has our project made to the chosen area? **Goals achieved** - describes the degree to which the findings support the original objectives laid out by the project. The goals may be partially or fully achieved, or exceeded.

# Survey of Technologies

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In this, we should demonstrate our awareness and understanding of Available Technologies related to the topic of our project. We should give the detail of all the related technologies that are necessary to complete our project. We should describe the technologies available in our chosen area and present a comparative study of all those Available Technologies. Explain why we selected the one technology for the completion of the objectives of our project.

## Requirements/System Analysis

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### Problem Definition

#### (I) Existing System

(Write about previous existing system if any, and discuss its problems to choose new system/modify this system roughly in  $\frac{1}{2}$  - 1 page)

#### (II) Proposed System

(Write about new/modified system, and discuss its benefits to choose this new system/modify it roughly in  $\frac{1}{2}$  - 1 page)

### System Requirements Specifications (SRS)

(Write SRS in brief about the project to develop as new system/modify the old system roughly in 1-2 pages)

### Planning and Scheduling with Chart

(Write about Gantt Chart & Pert Chart with proper diagram related to the project roughly in 1-2 pages)

## Software & Hardware Requirements

### (I) Software Requirements

(Write software requirements details in tabular form to create/use this project roughly in ½ - 1 page)

### (II) Hardware Requirements (About computer system configuration)

(Write hardware requirements details in tabular form to create/use this project roughly in ½ - 1 page)

## System Design

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### Structure Chart

(Draw Structure Chart if required, with proper labeling regarding the project roughly in 1 page)

### ER-Diagram

(Draw ER-Diagram with proper conventions/labeling/linking/relationship of Entities along with attributes regarding the project roughly in 1 page)

### Data Flow Diagram (DFD)

(Draw DFD with proper conventions/labeling/linking/relationship of source destination data flow in zero/context, first, second and (if required) third level regarding the project roughly in 3-6 pages)

### Use Case Diagram (if required)

(Draw Use Case Diagram with proper conventions/labeling/linking/relationship of actor-process regarding the project roughly in 1 page)

### Class Diagram (if required)

(Draw Class Diagram with proper conventions/labeling/linking/relationship of various classes used in the project roughly in 1 page)

## Other UML Diagrams (if required)

(Draw other diagrams such as activity/object/deployment/component/sequence/state machine Diagram with proper conventions/labeling/linking/relationship of various related components used in the project roughly in 1-1 page)

## Number of Modules (List) & its Brief Description

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(Write the list of total number of modules used in the project with brief description roughly in 1-2 pages)

## Database Table Design/Data Structure of Each Module

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Table Name : User Registration

Slno.	Fields /Attributes Name	Data Type(Size)	Constraints	Descriptions
1.	SINo	VarChar2(20)	Primary Key	Serial Number
2.	Uname	VarChar2(50)	Not Null	User Name
3.	Mobile	Number(12)	Unique	
4.	Remarks	VarChar2(200)	Null	

(Draw each table of the project used in the database with proper format/conventions/labeling [As sample discussed above], roughly in 1-3 pages)

## Process Logic of Each Module

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Module Name 1 - Description of working mechanism details.

Module Name 2 - Description of working mechanism details.

Module Name n - Description of working mechanism details.

## Brief Software Testing Process

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(Briefly discussion about the types, tests and level of testing probably used in the project proposal to secure the project in proper format/conventions roughly in 1-2 pages)



## Security Mechanism

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(Briefly discussion about the types & level of security probably applied in the project proposal to secure the project in proper format/conventions roughly in 1 page)

## Possible List of Reports

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(Briefly discussion about the types & level of security probably applied in the project proposal in proper format/conventions roughly in 1 page)

## Future Scope & Further enhancement of the Project

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(Briefly discuss about the future scope and further enhancement of the project  
In our project proposal roughly in 1 page)

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