

MCA SYNOPSIS DETAILS / GUIDELINES (FULL)

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

COVER PAGE 01

..... 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)

..... At Page 2

COVER PAGE 03 (OPTIONAL PAGE)

..... At Page 3

ACKNOWLEDGEMENT PAGE

..... At Page 4

GUIDER CERTIFICATES

(University Project Proposal Page + University Guider Biodata Page (if any) + Guider Master Degree Final Certificate + Marksheet + Guider Self Prepared Biodata = All are filled properly along with self attested documents where required/applicable)

..... At Page 5 - 9

PROJECT PROPOSAL SUMMARY

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 :

SYNOPSIS TABLE CONTENTS (Total=15-25 Pages)

Slno.	Topics	Page No.
1.	Title of the Project	01.
2.	Introduction	01.
3.	Objectives	02.
4.	Project Categories	
5.	Tools/Platform, Hardware & Software Requirement Specifications	
6.	System Analysis	
	I. Problem Definition	
	II. System Requirements Specifications (SRS)	
	III. Planning and Scheduling Chart	
7.	System Design	
	I. Structure Chart	
	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)	
8.	Number of Modules	
9.	Database Table Design/Data Structure of Each Module	
10.	Process Logic of Each Module	
11.	Software Testing Process	
12.	Security Mechanism	
13.	Reports	
14.	Future Scope & Further enhancement of the Project	
15.	Bibliography	

SYNOPSIS TABLE CONTENT DETAILS

Title of the Project

(Write title of the project)

Introduction

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

Objectives

(Write objectives/goals about the project making roughly in 1-2 pages)

Project Categories

(Write project category either they are RDBMS/OODBMS/Network based etc. roughly in 1 page)

Tools/Platform, Hardware & Software Requirement Specifications

(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 Analysis

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 Chart

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

System Design

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)

(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

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

Module Name 1 - Description of working mechanism details.

Module Name 2 - Description of working mechanism details.

Module Name n - Description of working mechanism details.

Software Testing Process

(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

(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)

List of Reports

(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

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

Bibliography

(I) Books/e-Books Name :

Slno.	Books/e-Books name	Author
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(II) Websites:

- www.Google.com
- <https://www.youtube.com>
- <https://stackoverflow.com>
- <https://codershelpline.com> and so on

(Briefly discuss & list about the conventional books/e-books and associated websites which are used/concerned for making this project proposal/project, roughly in 1 page)

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