

MINI PROJECT GUIDELINES

MCA-452

SESSION: SESSION:-201..



INSTITUTE OF MANAGEMENT STUDIES, NOIDA
A-8B, Sec-62, Institutional Area, Noida, UP-201303

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2. PROFORMA FOR APPROVAL OF MCA MINI PROJECT (452)

- 1. Roll No.
- 2. Name of the student
- 3. E-mail:
- 4. Mob. No.
- 5. Title of the Mini Project (452)
- 6. Name of the Mentor

For Office Use Only:

Approved

Not Approved

Signature of the Mentor

Date:

Suggestions (if any) :-

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8

GUIDELINES FOR THE MINI PROJECT FORMULATION

Every student is required to carry out Mini Project (452) work under the supervision of a Mentor provided by the MCA Programme Coordinator.

The mentor shall monitor progress of the student continuously. A candidate is required to present the progress of the Mini Project (452) work during the semester as per the schedule provided by the MCA Programme Coordinator.

OBJECTIVES

- Application of knowledge and techniques learnt in theoretical classes for developing the s/w for real problems.
- Gives an insight into the working of the real organizations/companies.
- Gaining deeper understanding in specific functional areas.
- Helps in exploring career opportunities in their areas of interest.

The course MCA Mini Project (452) is one that involves requirement analysis, feasibility analysis, Database design, coding, testing, implementation and maintenance

MINI PROJECT (452) SYNOPSIS CONTENT

Mini Project (452) proposal should be prepared in **consultation with the Mentor**. It should clearly state the objectives and environment of the proposed Mini Project (452) to be undertaken. Ensure to include the following items while submitting your Mini Project (452) synopsis. Mini Project (452) synopsis may contain 10-20 pages and sequence of contents strictly should be in the following order:

- 1) Title of the Project
- 2) Synopsis Approval Performa
- 3) Index
- 4) Acknowledgement
- 5) Introduction and Objective of the Mini Project (452)
- 6) Analysis (Feasibility Study, DFD 0 Level, 1- Level and 2 Level/ER Diagram etc)
- 7) H/W and S/W Requirement
- 8) Table and Structure, Number of Modules, Detail of Modules, Data Structure
- 9) Types of Reports
- 10) Future Scope

MINI PROJECT (452) REPORT FORMULATION

The Mini Project (452) may contain 70-100 pages (excluding coding) with double spacing. The project documentation must be with respect to the project only. Mini Project Report should strictly follow the points given below:

- 1) Cover and Title page
- 2) Synopsis Approval Certificate/Company Certificate
- 3) Index
- 4) Acknowledgement
- 5) Certificate of Originality
- 6) Introduction/Aims and Objective
- 7) System Analysis
 - 7.1 Identification of Need
 - 7.2 Preliminary Investigation
- 8) Feasibility Study
 - 8.1 Technical Feasibility
 - 8.2 Economic Feasibility
 - 8.3 Operational Feasibility
- 9) Analysis (Feasibility Study, DFD 0 Level, 1- Level and 2 Level/ER Diagram, and Data structure, Table structure etc).
- 10) S/W Engineering. Paradigm applied
- 11) S/W & H/W Requirement Specification
- 12) System Design
- 13) Screen Shots
- 14) Coding

- 15) Validation Checks
- 16) Implementation and Maintenance
- 17) Testing (Testing techniques and Testing strategies)
- 18) System Security measures
- 19) Various types of Reports/Modules
- 20) Pert Chart/Gantt Chart
- 21) Future scope of the Mini Project (452)
- 22) Bibliography/References/Glossary
- 23) Original Copy of the Approved Synopsis

The cover page must be hard bound in ***Black Color; with Gold Embossing.***

All the students are required to use either Arial / Times New Roman of font size 12 throughout the report and in heading and subheadings font size shall be 14 .

Three copies of the Mini Project (452) report in bound form is to be prepared by the student (one for the University, one for the college and one for himself/herself for future reference) All the copies must be duly signed by the mentor as per the schedule provided to you. One copy of the Mini Project (452) Report must be retained by the student which should be produced before the examiner at the time of the Viva-voice. The student must bring the soft copy of the projects as desired by the external examiner at the time of the viva voce.

Each student is required to make a copy of Mini Project (452) in CD and submit along with his/her Mini Project (452) report.

Mini Project (452) can be developed in any language/ platform / package except using the packages like Dbase III, Foxpro, Visual Foxpro, and MS Access and language like VB . Students can develop applications using tools/languages/Software which may be in use in their current organization where they may be undertaking the Mini Project.

MINI PROJECT (452) EVALUATION

As per the Mahamaya Technical University norms Mini Project Report shall be evaluated by the examiner at the end of the semester. However there will be continuous monitoring of the Mini Project progress report during the semester and distribution of marks shall be as follows:

MCA (452) Mini Project Evaluation Scheme

Subject Code	Sessional		Semester End Exam		Total
	Mid Sem. Presentation	End Sem Presentation	Viva	Project Evaluation	
Mini Project(452)	25	25	10	40	100

Adherence to the schedule is desired from each student failing which he/ she shall be solely responsible for the strict action taken against him/her.

FORMAT OF COVER PAGE

TITLE OF THE PROJECT

MINI PROJECT(452)

SUBMITTED TO

MAHAMAYA TECHNICAL UNIVERSITY,NOIDA (U.P.)

**FOR THE PARTIAL FULFILLMENT OF THE DEGREE OF MASTER
IN COMPUTER APPLICATION SESSION 2009-2012**



Under the Guidance of:

<Mentor Name>

<Mentor Designation>

<Department>

<IMS-Noida>

Submitted by:

<Student Name>

<Roll No.>

<Batch>

<IMS-Noida>

INSTITUTE OF MANAGEMENT STUDIES, NOIDA

(2012)

ACKNOWLEDGEMENT

I am very grateful to my Mini Project (452) Mentor Dr./Mr./Ms. _____ for giving his/her valuable time and constructive guidance in preparing the Synopsis/Mini Project (452). It would not have been possible to complete this Mini Project (452) in short period of time without his/her kind encouragement and valuable guidance.

Date:

Signature

Name of the Student

CERTIFICATE OF ORIGINALITY

I hereby declare that my Mini Project (452) titled "-----" submitted to MAHAMAYA TECHNICAL UNIVERSITY, NOIDA (U.P.) for the partial fulfillment of the degree of Master In Computer Application Session 2009-2012 from Institute of Management Studies , Noida has not previously formed the basis for the award of any other degree, diploma or other title.

Place:

Date:

Signature

Name of the Student