Shri Khanderai Pratishthan's

DNYANSAGAR INSTITUTE OF MANAGEMENT & RESEARCH

(M.C.A. Programme)

(Approved by AICTE, New Delhi & Affiliated to Savitribai Phule Pune University)

SKP Campus, Baner-Balewadi, Pune - 411045

Contact No: +91-7767800401-10, Website: www.dimr.edu.in E-mail : info@dimr.edu.in

MINI PROJECT

Project Diary

Academic Year: 2023-24[June-Nov.23]

Class: FYMCA   Sem-I

Project Diary

Title of the Mini Project	Electricity Billing System	
Details of Technology	Frontend Java core/swings (NetBeans)	Backend My SQL

	Roll Number	Name of Student
Name of the Student/Group Members	56	Rushikesh Lihinar

Class Division	MCA-I

Guide	Dr./Prof. Aishwarya Pawar

Schedule for Mini Project

Sr. No	Activity	As per college academic Schedule	Actual date of the activity	Mini Project Guide E-Signature
1	Orientation Session	**02-09-2023**	02-09-2023	
2	Project Title Submission	**15-09-2023**	27-09-2023	
3	Project Synopsis & SRS Submission and Presentation	**27-09-2023**	27-09-2023	
4	Project Analysis and Design Submission and Presentation	**02-10-2023**	02-10-2023	
5	Executable Code /User Interface submission and Presentation	**18-10-2023**	18-10-2023	
6	Final Project Report/Documentation Submission	**29-11-2023**	29-11-2023	

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SECTION A

Daily Task Completion

Records

Academic Year: 2023-24[August-Nov.23]

Class: FYMCA   Sem-I

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MINI PROJECT LAB-DAILY TASK COMPLETION RECORDS

Month-August

Sr.No	Day	Date	Tasks Carried out and Points Discussed
1	Monday	28-08-23	About Project Title
2	Thursday	31-08-23	Its Flow And General Discussion

Month-September

Sr.No	Day	Date	Tasks Carried out and Points Discussed
1	Friday	15-09-23	Diagram Checking
2	Sat	23-09-23	Project User Interfaces
3	Wed	27-09-23	Modules Checking

Month-October

Sr.No	Day	Date	Tasks Carried out and Points Discussed
1	Wednesday	11-10-23	Coding Checking
2	Tuesday	17-10-23	Error Checking
3	Wednesday	18-10-23	Database Connctivity
4	Sat	20-10-23	Database Connected

Month-November

Sr.No	Day	Date	Tasks Carried out and Points Discussed
1	Thursday	02-11-23	Synopsis Hard Copy Submission
2	Wednesday	29-11-23	Testing & Final Project Documentation

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SECTION B

Student Interaction with Guide Records

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Student Interaction Records

Month	August
Day & Date	Monday & 28-08-2023
Points Discussed	About Project Title and Diagrams.
Guide Remark	
Guide E-Signature	

Month	September
Day & Date	Friday & 15-09-2023
Points Discussed	Project User interface and Diagram
Guide Remark	
Guide E-Signature	

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Student Interaction Records

Month	October
Day & Date	Wednesday & 11-10-2023
Points Discussed	MySQL Database Connectivity
Guide Remark	
Guide E-Signature	

Month	November
Day & Date	Thursday & 02-11-2023
Points Discussed	Testing & Final Project Report
Guide Remark	
Guide E-Signature	

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SECTION C

Phase Wise Progress Remark Sheet

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<u>Phase wise Presentation Remarks Sheets</u>

<u>Phase I - Scope Confirmation/Presentation Remark sheet</u>

Date	Scope Description	Modules Specification	PPT Presentation Remark	Overall Remark of Phase I	E-Signature
	• **Extensibility**: This software is extendable in ways that its original developers may not expect. The following principles enhances extensibility like hide data structure, avoid traversing multiple Links or methods avoid case statements on object type and distinguish public and private operations. **Reusability**: Reusability is possible	1) **Login Module:** Used for managing the login details. 2) **Sign up Module:** Add Customer in System. 3) **Admin Module:** Used for managing the users of the system. 4) **New Admin Module:** Used for			

as and when require in this application. We can update it next version. Reusable software reduces design, coding, and testing cost by amortizing effort Over several designs. Reducing the amount of code also simplifies understanding, which increases the likelihood that the code is correct	managing the users of the system. 5) **Customer Module:** Used for managing the details of Connections. 6) **Calculate Module:** Used for managing the Bill. 7) **Record Module:** Used for managing the Record information's. 8) **Pay Bill Module:** Billing Details.				

Phase II- Project Analysis and Design Submission and Presentation

Date	ERD / DFD	UML Diagrams	Database	Overall Remark of Phase II	E-Signature
	Admin Pays Meter no City Name Address State Units Status Total_bill Bill_type	Admin Usecase Diagram Admin activity diagram Customer activity diagram Class diagram	Login Customer_id Tax Bill		

Phase- III Executable Code /User Interface submission and Presentation

Date	User Interface Designs	UI Mapping with Database	Validations	Overall Presentation Remark of Phase III	E-Signature
	Home page	Login	Admin id		

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	Bill Update	Bill Number	Customer id		
	Manage Customer	Meter	Meter id		
	Admin	Meter Info	Bill id		

Phase- IV   Final Project Report/Documentation Submission

Date	Test Cases	Report Analysis	Overall Presentation Remark of Phase IV	E-Signature
	Verify the functionality of home page Verify the functionality of Admin	Customer Management Admin Meter information		

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SECTION D

Panel Remark Sheets

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Panel Presentation Remark Sheet

Stage I: Scope Confirmation/Presentation Remark sheet	Date: _____

Suggestions and Remarks by Experts

Remarks by Panel Member

o Excellent	o Good	o Satisfactory	o Not Satisfactory

Name and

E-Signature:

Remarks by Panel Member

o Excellent	o Good	o Satisfactory	o Not Satisfactory

Name and

E-Signature:

HOD, MCA

Phase II- Project Analysis and Design Submission and Presentation	Date:_____

Suggestions and Remarks by Experts

Remarks by Panel Member

o Excellent	o Good	o Satisfactory	o Not Satisfactory

Name and E-

Signature:

Remarks by Panel Member

o Excellent	o Good	o Satisfactory	o Not Satisfactory

Name and Signature:

HOD, MCA

Phase III- Executable Code /User Interface submission and Presentation Project	Date:_____

Remarks by Panel Members

Remarks by Panel Member

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Name and E-

Signature:

Remarks by Panel Member

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Name and E-

Signature:

HOD, MCA

Phase IV- Final Internal Project Viva/Presentation	Date:_____

Remarks by Panel Members

Remarks by Panel Member

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Name and E-

Signature:

Remarks by Panel Member

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Name and E-

Signature:

HOD, MCA

Phase IV- Final External Project Viva/Presentation	**Date:_____**

Remarks by Experts

Suggestions by SPPU Expert-1

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Name and E-

Signature:

Suggestions by Internal Expert-2

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Name and E-

Signature:

Suggestions by Guide:

o Excellent   o Good   o Satisfactory   o Not Satisfactory

Signature of Guide:

HOD, MCA