SURANA COLLEGE-Autonomous

Affiliated to Bangalore University

Recognised under 2(f) and 12 B of UGC, Certified by ISO, Re-accredited by NAAC with A+

No. 16, South End Road, Bengaluru-560 004

CRUD OPERATIONS USING PHP PROJECT REPORT FORMAT

1. Cover Page (As given for Internship Report)

Project Title	*CRUD Operations on Student Management System*
Course	Bachelor of Computer Applications (BCA)
Subject	Web Programming
Submitted by	*Your Name, Register Number, Semester*
Submitted to	Computer Science *Department*
Date of Submission	29th October 2025

2. Certificate (As given for Internship report)

3. Acknowledgement (As given for Internship report)

4. Abstract

Provide a summary (about 150–200 words) describing:

- The project objective
- Technologies used
- About CRUD operations implemented
- Expected outcomes

5. Introduction

- Overview of the project
- Importance of CRUD operations in applications
- Aim and scope of the project

6. Objectives

List clear goals, for example:

- To design a user interface for data management
- To implement Create, Read, Update, and Delete operations
- To store and manage data using a database

7. System Requirements

Hardware Requirements:

- Processor, RAM, Storage, etc.

Software Requirements:

- OS (Windows/Linux)

- IDE (VS Code, PyCharm, etc.)

- Database (MySQL, MongoDB, etc.)

- Frameworks (React, Node.js, PHP, etc.)

8. System Design

Include diagrams such as:

- **ER Diagram (Entity Relationship Diagram)**

- **Database Schema**

- **2 Use Case Diagrams**

9. Implementation

Describe each CRUD operation briefly with code snippets:

- **Create:** How new records are added

- **Read:** How data is displayed or fetched

- **Update:** How existing data is modified

- **Delete:** How data is removed

10. Results and Output

Show the final working model with relevant screenshots and a brief explanation of how the system performs CRUD operations.

11. Conclusion

Summarize:

- What you learned

- How the project helps in understanding full-stack/database concepts

- Scope for future enhancement

12. References

List any websites, books, tutorials, or documentation referred to during the project.

Example:

- https://react.dev

- https://www.mysql.com

- W3Schools, MDN Documentation

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