

LONG TERM INTERNSHIP

Project report submitted
in partial fulfillment of the requirements for the award of the Degree of
BACHELOR OF COMMERCE

By

TANVEERUL HASAN
(Reg. No:120130803176)

6

Under the Esteemed Guidance of

G.SATYAM NAIDU
(Lecturer in Sanskrit)

M.I. PRASANNA KUMAR
Head of the Department
COMMERCE



Mrs.A.V.N.College
(Affiliated to Andhra University)
Visakhapatnam-530001
2022-2023

**PROGRAM BOOKFOR
SEMESTERINTERNSHIP**



Name of the Student: TANVEERUL HASAN

Name of the College: MRS AVN COLLEGE

Visakhapatnam.



Registration Number: 120130803176

Period of Internship: 15 weeks (540 Hours) From: 01.04.2023 To: 14.07.2023

Name & Address of the Intern Organization:

ICTE Private Limited. Plot No. 24, Opposite Y School, Srinivasa Nagar, GITAM College Road, Visakhapatnam, Andhra Pradesh.

Mrs AVN COLLEGE, Visakhapatnam.

Andhra University

YEAR 2022-2023

An Internship Report on
LIBRARY MANAGEMENT SYSTEM
PROJECT
ON
JAVA

Submitted in accordance with the requirement for the degree of

B.COM (GENERAL)

Under the Faculty Guide-ship of

Sri. G. SATYAM NAIDU

Department of Sanskrit

Mrs AVN COLLEGE

Visakhapatnam.

Submitted by:

TANVEERUL HASAN

Reg. No: 120130803176

Department of Sanskrit

Mrs AVN COLLEGE

Visakhapatnam.

Official Certification

Student's Declaration

I, **TANVEERUL HASAN** a student of **B.COM (GENERAL)** Program,
Reg. No. **120130803176** of the Department of English , Mrs AVN
COLLEGE VISAKHAPATNAM, do hereby declare that I have completed
the mandatory internship from 01.04.2023 to 14.07.2023(540 Hours) in
IICTE Private Limited, Visakhapatnam, under the Faculty Guide ship
of **Sri. G. SATYAM NAIDU**, Department of **Sanskrit**, Mrs AVN
COLLEGE, Visakhapatnam.

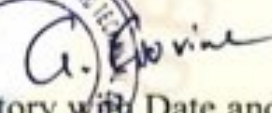

(Signature and Date)

Estd: 1860

Official Certification

This is to certify that **TANVEERUL HASAN** Reg. No. **120130803176** has completed his/her Internship in **IICTE Private Limited, Visakhapatnam** on **Library Management System Project** under my supervision as a part of partial fulfillment of the requirement for the Degree of **B.COM (GENERAL)** in the Department of **Commerce** ~~Chemistry~~, Mrs AVN COLLEGE, Visakhapatnam.

This is accepted for evaluation.


(Signatory with Date and Seal)

Endorsements


Faculty Guide


Head of the Department


Principal **PRINCIPAL**
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM

STATE OF TEXAS

County of _____

Know all men by these presents, that _____

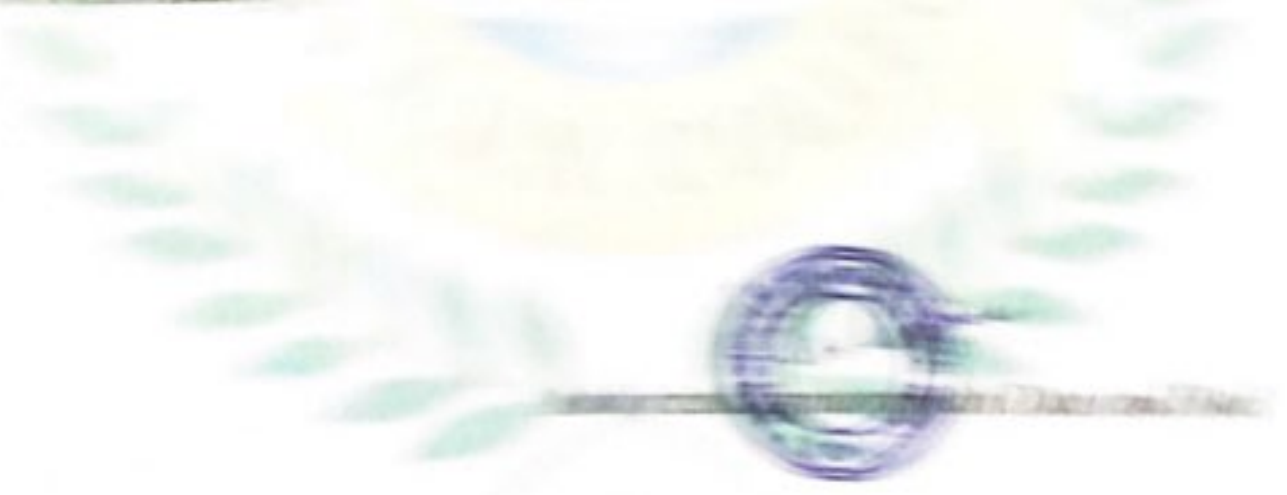
of the County of _____ State of Texas

do hereby certify that _____

is the true and correct copy of _____

as the same appears from the _____

records of this office.



Witness my hand and seal this _____ day of _____ 19____

Acknowledgement

It gives me an immense pleasure and pride to express my sincere gratitude and respect to my teacher and guide Sri. G. Satyam Naidu Lecturer in Sanskrit, Mrs AVN COLLEGE, Visakhapatnam for his expert and inspiring guidance.

Also, I am very grateful to the head of the Department of Commerce, and the other members of the Commerce Department for being a source of support during this project.

I would like to extend my gratitude to my principal Sir Dr. SIMHADRI NAIDU for providing me all the necessary facilities that were required for successful completion of this project.

I also thank IICTE Private Limited, Visakhapatnam for providing internship opportunity.

My special thanks to the internship trainer Sri. G GOVIND for their constant support, encouragement and timely advice.



Signature of the student

Estd: 1860

Contents

S. No	Name of the Content	Page No.
1	INTRODUCTION	10
2	CHAPTER 1: EXECUTIVE SUMMARY	11
3	CHAPTER 2: OVERVIEW OF THE ORGANIZATION	12-16
4	CHAPTER 3: INTERNSHIP PART	—
5	ACTIVITY LOG FOR THE FIRST WEEK	17
6	WEEKLY REPORT WEEK-1	18
7	ACTIVITY LOG FOR THE SECOND WEEK	19
8	WEEKLY REPORT WEEK-2	20
9	ACTIVITY LOG FOR THE THIRD WEEK	21
10	WEEKLY REPORT WEEK-3	22
11	ACTIVITY LOG FOR THE FOURTH WEEK	23
12	WEEKLY REPORT WEEK-4	24
13	ACTIVITY LOG FOR THE FIFTH WEEK	25
14	WEEKLY REPORT WEEK-5	26
15	ACTIVITY LOG FOR THE SIXTH WEEK	27
16	WEEKLY REPORT WEEK-6	28
17	ACTIVITY LOG FOR THE SEVENTH WEEK	29
18	WEEKLY REPORT WEEK-7	30
19	ACTIVITY LOG FOR THE EIGHTH WEEK	31
20	WEEKLY REPORT WEEK-8	32
21	ACTIVITY LOG FOR THE NINTH WEEK	33
22	WEEKLY REPORT WEEK-9	34

23	ACTIVITY LOG FOR THE TENTH WEEK	35
24	WEEKLY REPORT WEEK-10	36
25	ACTIVITY LOG FOR THE ELEVENTH WEEK	37
26	WEEKLY REPORT WEEK-11	38
27	ACTIVITY LOG FOR THE TWELVETH WEEK	39
28	WEEKLY REPORT WEEK-12	40
29	ACTIVITY LOG FOR THE TWELVETH WEEK	39
30	WEEKLY REPORT WEEK-13	42
31	ACTIVITY LOG FOR THE THARTEENTH WEEK	41
32	WEEKLY REPORT WEEK-14	44
33	ACTIVITY LOG FOR THE FOURTEENTH WEEK	43
34	WEEKLY REPORT WEEK-15	46
35	ACTIVITY LOG FOR THE FIFTEENTH WEEK	45
36	Student Self Evaluation of the Semester-term Internship	92
37	Evaluation by the Supervisor of the Intern Organization	93
38	Photographs	97-99
39	References	

Estd: 1860

INTRODUCTION

Internship is an integral platform for anyone to gain experience in the actual work place. Thus, Internship is a good opportunity for students to learn, to gain experience and also to make preparations. Men learn through experience and real life is full of different kinds of experiences. We will encounter many difficulties and obstacles and with experiences we are expected to be able to encourage and complete the process. Experience in my eyes is a very valuable thing in life because we need to be brave in taking risks. It is also not something that we simply create, but we need to undergo through it. By doing my internship in an actual work environment, it helps me to know and discover myself from different angles. It also helps me to control and develop my attitude towards dealing with different kinds of people and situations.

I have decided to take the internship course to grab the golden opportunity to apply theoretical knowledge that I have in a real working environment. Through college, I learned about theories but doing an internship, I learned a practical approach on dealing with the real world. Even though it was not that much, it still has profound results in some aspects of my life. In some ways, through internship, I also have learned that I am still lacking as an individual and employee. Internship helps me to identify my weaknesses and also my strengths. "Experience without theory is blind, but theory without experience is mere intellectual play". The other reason why I choose to take the internship is as preparation for a more challenging work environment and situation. Our life in college is incomparable with real working experience. A working life is very challenging as it requires great effort, commitment and abilities; those are something that I need to be prepared and trained to.

Apart from that, I really want to gain professional experience and skills by taking the internship course. At the same time, I also want to improve my communication skills and ability to interact with people. I realize that by being part of society, I will need to meet different people around the office and I will have to communicate with them to settle their needs. Undergoing internship also helps to make me learn on how to work in a systematic organization. It helps me to learn how to be independent in accomplishing my tasks. Besides, all knowledge that I have learnt through my classroom learning in the classroom can be implemented through

an internship. Not only that, by doing an internship, I am able to undergo challenges which are normal in a working life setting.

CHAPTER 1: EXECUTIVE SUMMARY

* Data base integration; I sought to knowledge and practical exposure to integrating administration applications with data base through data base design query optimization and administration data base API's I successful. Integrated application with different data base systems.

* Problem solving debugging:

An integral aspects of internship was improving by problem development and team I encountered various challenges and bugs which required me to analyze, resolve issues efficiently shooting abilities.

CHAPTER2: OVERVIEW OF THE ORGANIZATION

Suggested Contents

A. Introduction of the Organization

Company which provides technology solutions to over customers with convergence of media, the changing landscape of the industries is becoming extremely competitive. As companies rapidly strive to gain a competitive advantage, IICTE helps companies innovative and transforms its unique insights, differentiated services and flexible partnering models. This helped our customers reduce operating costs and generate new revenue streams. We provide high end business solutions for complex business utilizing current technologies with expert professions in software industries. Our project is based on the principles of highest quality, longest reliability, lowest cost and complete customer satisfaction.

At IICTE PVT LTD we provides **Software Products, IT services, HR consultancy, Security Systems, and various Transaction Processing Services.** IICTE has integrates its products and services to create customized solutions to allow you to undertake technology-based business transformation that allows reorganization in line with today's dynamic digital business environment.

B. Vision, Mission and Values of the Organization

IICTE PVT LTD is a service provider company committed to help business providing qualified resources, and professional services with the highest quality in different areas and we will leverage our strengths to execute complex global-scale projects to facilitate leading-edge products and services affordable to all consumers and business in India. As IICTE has developed its quality initiative and casts its process with perfect customization as per the client needs while meeting the defined standards. So here we will offer unparalleled value to create customer delight and enhance business productivity.

So quality is our measurable factor for us. It is our responsibility towards our valued clients who are the very cause of our existence.

C. Policy of the Organization in relation to the intern role

In the competitive IT services industry, it's difficult to know what differentiates one company from the other, so to keep pace with today customer-driven business environment; companies must re think their business processes. As companies are facing increasing competitive pressure and are inhabitant by inefficient IT systems, it is clear that current enterprise applications are

no longer meeting the business demands. So with IICTE , you can be certain that we put our customer's interests first: we take a unique approach to fostering client, member (employee) and customer's satisfaction.

IICTE PVT LTD delivers solutions that address this with flexible enterprise applications that can be delivered quickly and cost- effectively into complex environments. The IICTE PVT LTD team represents the architecture of our approach. It governs how we deliver services to clients, how we interact with members and how we respond to customers requirements. IICTE is committed to helping our clients with win and grows to

D: Organizational Structure

IICTE PVT LTD is a globally focused services provider spread for serving customers, providing end-to end services from IT development.

Our business encompasses a complete range of services that covering **IT development, HR-Consultancy** and various security systems etc. We endeavor to further extend our efforts beyond the traditional value chain by developing and deploying complete user friendly solutions for the entire spectrum of society.

Company area of business in IT side:

- ❖ Application development & maintenance
- ❖ Package implementation
- ❖ Web solutions
- ❖ Multimedia
- ❖ Content development
- ❖ Product design services
- ❖ Software development
- ❖ Web designing/ web publishing
- ❖ Graphics
- ❖ Data processing
- ❖ Hardware consultancy
- ❖ Wireless solutions
- ❖ Network solutions
- ❖ IT training
- ❖ Video conference

- ❖ Web hosting

D. Roles and responsibilities of the employees in which the intern is placed.

- ❖ Business communication skills
- ❖ Team building
- ❖ Team working skills
- ❖ Personal productivity (motivation)
- ❖ Creative thinking
- ❖ Presentation skills
- ❖ Leadership for project leaders
- ❖ Time and self management
- ❖ Effective meetings
- ❖ Cross culture.

E. Performance the Organization Terms of turnover, profits ,market reach and market value.

Traditionally, a marketing plan includes the four P's: Product, Price, Place, and Promotion. For a software company business plan, your marketing strategy should include the following:

Product: In the product section, you should reiterate the type of software company that you documented in your company overview. Then, detail the specific products or services you will be offering. For example, will you provide open source programming, SaaS products, or software to support Microsoft systems?

Price: Document the prices you will offer and how they compare to your competitors. Essentially in the product and price sub-sections of your plan, you are presenting the products and/or services you offer and their prices.

Place: Place refers to the site of your software company. Document where your company is situated and mention how the site will impact your success. For example, is your software company located in a professional technology park, a standalone building

or is it purely online? , Discuss how your site might be the ideal location for your customers.

Promotions: The final part of your software company marketing plan is where you will document how you will drive potential customers to your location(s). The following are some promotional methods you might consider:

- Quarterly press releases to industry-wide interest groups
- Engage in social media mining and marketing
- Offer informative blogs; become a speaker in seminars
- Create a strong presence at tech trade shows and conferences
- Give expert opinions on tech social media platforms
- Improve the SEO (search engine optimization) on your website for targeted keywords

F. Future Plans of the Organization.

Our speculations for the future say that AI, machine learning, and data science will affect all spheres, and software code will automate most jobs worldwide. And all the software running around the world will need experts in software engineering to develop, maintain, and improve their working. This means that the software engineer demand in the future is going to rise, for more managerial roles like taking care of automated software, etc.

The customer demands for software are altering daily in the market, which has opened the sphere of innovation for organizations. While the new technologies being used today demand new skills and the assistance of skilled and experienced software engineers, the software engineers are working hard to learn new languages and stay updated with the trends.

Along with skills, software engineers will need to possess higher levels of ethics and integrity to work in data privacy and transparent AI applications. Software engineers' future prospects will increase as they adapt to the ever-changing digital world around them.

The data that are to be updated cannot be easily updated. Since involves the searching of the tree file of hug data, preparing reports, ids also a complicated job.

Proposed system:

The proposed computer based information system, for processing and reporting overcomes the problems associated with the existing manual system. Since the data collected is stored, the repeated processing of data at each time is eliminated. Time required to process the data and generating reports is very less compared to the manual process and is also more accurate, thus eliminating errors. Also the proposed system includes a wide range of reports, which serve as a powerful tool.

ANALYSIS OF THE PROBLEMS

System Analysis

System analysis is the process of gathering and interpreting facts, diagnosing problems and using the information, it recommends improvements to the system. Using the various facts gathered in the analysis phase, design and development phases of the system are carried out. Basically, analysis specifies what the system should do? It does not state how the requirements should be accomplished or how the applications should be implemented?

Prime Users And Their Requirements:

The prime users of the proposed system are staff of school administrative department. They analysis the information and estimate the performance of the system from the data and take necessary actions so as to improve the performance of the system. For this they require an information system to analysis the data.

This project consists of the following sections.

- ❖ Addins
- ❖ Transactions
- ❖ Searching
- ❖ Reports
- ❖ Deletions

Detailed Information for Each Module

1.Addins:

This Sections consists of the following sections,

- Member Register
- Book Register
- teaching Staff Register
- Non teaching staff register

Member Register::

New: In this we can add and store the details to all the new member of the college.

Validations: -

leadership: encourage managers and motivate their teams to reach to a goal.

• Team work and collaboration: managers encourage team work and foster a collaborative work environment.

Describe how you could improve your communication skills (in terms of improvement in oral communication, written communication, conversational abilities, confidence levels while communicating, anxiety management, understanding others, getting understood by others, extempore speech, ability to articulate the key points, closing the conversation, maintaining niceties and protocols, greeting, thanking and appreciating others, etc.)

- * Oral communication: practice active listening by paying attention to other maintain eye contact and show gestures in what they are saying.
- * speak clearly and concisely.
- * use a balanced body language seek feedback.

Describe how you could enhance your abilities in group discussions, participation in teams, contribution as a team member, leading a team/activity

- * Active listening: practice active listening by paying full attention to other during group discussions.