



Mrs. A V N COLLEGE

Government of Andhra Pradesh Grant in Aid Institution,
Recognized Under UGC Act Section 12(b) and 2(f),
NAAC Reaccredited with CGPA 2.88 / 4.00 (B Grade) in
VISAKHAPATNAM - 530001



SEMESTER INTERNSHIP
(On-Site / Virtual)

**PROGRAM BOOK FOR
SEMESTER INTERNSHIP**



Name of the Student: ALI ANKA LOKESH

Name of the College: **MRS AVN COLLEGE**
Visakhapatnam.

Registration Number: 120130801006



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

VI-VIC 2022-2023

An Internship Report on
SYSTEM ADMINISTRATION
PROJECT

Submitted in accordance with the requirement for the degree of

B.A (HISTORY,ECONOMICS ,POLITICAL SCIENCE)

Under the Faculty Guideship of

Mr. J. RAMA RAO

Department of Political science

Mrs AVN COLLEGE

Visakhapatnam.

Submitted by:

ALLANKA LOKESH

Reg. No: 120130801006

Department of political science

Mrs AVN COLLEGE

Visakhapatnam.

Student's Declaration

I, **ALLANKA LOKESH** a student of *B.A (HISTORY, ECONOMICS, POLITICAL SCIENCE)* Program, Reg. No. **120130801006** 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 Guideship of **Mr. J.RAMA RAO**, Department of **POLITICAL SCIENCE**, **Mrs AVN COLLEGE**, Visakhapatnam.

(Signature and Date)

Official Certification

This is to certify that **ALLANKA LOKESH** Reg. No. *120130001006* has completed his/her Internship in *HCTE Private Limited, Visakhapatnam* on **SYSTEM ADMINISTRATION** under my supervision as a part of partial fulfilment of the requirement for the Degree of *B.A (HISTORY, ECONOMICS, POLITICAL SCIENCE)* in the Department of *Chemistry, Mrs AVN COLLEGE*.

Visakhapatnam.

This is accepted for evaluation.

4
14/7/23
(Signatory with Date and Seal)



Endorsements

S. Rama Rao
Faculty Guide

y. y. y.
Head of the Department

[Signature]
Principal
PRINCIPAL
Mrs. A.V.N. COLLEGE
VISAKHAPATNAM.

Certificate from Intern Organization

This is to certify that *ALLANKA LOKESH* Reg. No. *120130801006* of *Mrs AVN COLLEGE, Visakhapatnam*, underwent internship in *IICTE Private Limited, Visakhapatnam* from 01.04.2023 to 14.07.2023 (540 HOURS).

The overall performance of the intern during his/her internship is found to be Satisfactory.



Authorized Signatory with Date and Seal

Acknowledgements

It gives me an immense pleasure and pride to express my sincere gratitude and respect for my teacher and guide Mr. J.RAMA RAO Lecturer in POLITICAL SCIENCE, Mrs AVN COLLEGE, Visakhapatnam for his expert and inspiring guidance.

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

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 internship.

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

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

A. Lokesh
Signature of the student

Contents

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

2	WEEKLY REPORT WEEK -10	
3	ACTIVITY LOG FOR THE ELEVENTH WEEK	
4	WEEKLY REPORT WEEK -11	
5	ACTIVITY LOG FOR THE TWELFTH WEEK	
6	WEEKLY REPORT WEEK -12	
7	ACTIVITY LOG FOR THE TWELFTH WEEK	
8	WEEKLY REPORT WEEK -13	
9	ACTIVITY LOG FOR THE THIRTEENTH WEEK	
10	WEEKLY REPORT WEEK -14	
11	ACTIVITY LOG FOR THE FOURTEENTH WEEK	
12	WEEKLY REPORT WEEK -15	
13	ACTIVITY LOG FOR THE FIFTEENTH WEEK	
14	Student Self Evaluation of the Semester term Internship	
15	Evaluation by the Supervisor of the Intern Organization	
16	Photographs	
17	References	

Estd: 1861

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: EXECUTIVE SUMMARY

Database Integration

I sought to acquire knowledge and practical exposure to integrating administrative applications with database through database design and APIs. I successfully integrated applications with different data bases systems.

Problem Solving and debugging: - An essential aspect of the internship was improving my problem-solving & debugging skills. As part of the development team, I various challenges of bugs, which required me to analyze identify & resolve issues efficiently my troubleshooting abilities.

Team Collaboration: - The internship provided an opportunity to develop effective teamwork and collaboration skills. Working closely with the development team.

CHAPTER 2: 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

ACTIVITY LOG FOR THE TWELVETH WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day-1 17/06/23	password policy on windows part-1	Learned Password Policy Part-2	
Day-2 19/06/23	lab 9 on password policy part 3-1	Practiced on lab-9	
Day-3 20/06/23	lab 10 on password policy part-2	practiced	
Day-4 21/06/23	user rights Assessment part-1	Learned users right sba part 1,2	
Day-5 22/06/23	user rights assessment part-2	Practiced	
Day-6 23/06/23	LAB	LAB	

ACTIVITY LOG FOR THE THIRTEENTH WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 24/06/23	User Rights Assessments part 3	Learned users Rights in Part - 2	
Day -2 26/06/23	Lab 11 on User Right part - 1	Learned users Rights in Part - 1	
Day -3 23/06/23	Lab 12 on User Right part 2 Lab 13 on User Right part - 3	Practiced	
Day -4 28/06/23	MS word Drawings Design, view Tabs	Practiced	
Day -5 29/06/23	MS word page Set Up complete.	learned	
Day -6 30/06/23	LAB	LAB	

ACTIVITY LOG FOR THE FOURTEENTH WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day-1 01/12/23	practice on page set up & set inner Tabs.	Practiced	
Day-2 02/12/23	MS word layout, Reference Mailing Tabs	Learned MS word Layout Reference	
Day-3 03/12/23	practice on layout reference mailing Tabs	Learned MS word	
Day-4 04/12/23	Group policy part-1	learned Group Policy part-2	
Day-5 05/12/23	Group policy part-2	Practiced	
Day-6 06/12/23	LAB	LAB	

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day -1 03/09/23	Group policy part -3	learned Group Policy Part -3	
Day -2 04/09/23	practice on group policy part-1	learned Group Policy Part 2	
Day -3 11/09/23	practice on Group policy part -2	learned Group Policy Part -3	
Day -4 12/09/23	practice on Group Policy Part -3	Practiced	
Day -5 13/09/23	Practice on Group policy part -3	learned MS-word Practice	
Day -6 14/09/23		LAB	

Objective of the Activity Done:

Central Processing Unit:-

- Detailed Report ⇒
- ⇒ Crucial Component of a Computer System.
 - ⇒ Brain of a computer because it performs most of the processing inside the system.
 - ⇒ Function:- The CPU carries out instructions from computer programs by performing basic arithmetic.
 - ⇒ Core and threads is. Modern CPU's are types called Multi Core, which means enhancing performance measured.
 - ⇒ Cache Speed its CPU performance is often measured by its speed.
 - ⇒ Instruction Set architecture.
 - ⇒ Thomas Design Power.
 - ⇒ Over clocking.

Objective of the Activity Done:

Communication

Detailed Report:

- ⇒ Network Communication: computers can communicate with each other over network such as network (LANs)
- ⇒ protocols: - Communication between computers given specific protocols, which are set of rules and formats.
- ⇒ Data transmission: - Data can be transmitted between computers in various formats such as text, images, audio, video or ordinary data.
- ⇒ Sockets & ports: - In network communication sockets & ports are used to establish connection between computers.
- ⇒ Client: - Server Model.
- ⇒ Inter-process: - Communication.

Objective of the Activity Done:

Architecture about CPU:-

- Detailed Report. ⇒
- Control unit:- The control unit manages the execution of instructions.
 - Arithmetic Logic Unit (ALU):- The ALU performs arithmetic operations of data, logical comparisons.
 - Registers:- Registers are high speed storage units located within of CPU. Program counter, instruction register, Accumulator.
 - memory management unit.
 - Caches CPU's have multiple levels of cache memory & Main memory (CPU)
 - Instruction pipe line.
 - Bus interface unit:- BIU & CPU for data transfer.

Objective of the Activity Done:

MS-office

Detailed Report ⇒

Collection of software programs that are widely in various professional & personal settings.

⇒ MS Word :- A word processing application used for creating & editing documents, spell checking.

⇒ MS Excel :- A spread sheet program used for organizing, analyzing, & manipulating numerical data.

⇒ MS-powerpoint :- A presentation software used for creating slideshows, delivering presentations.

⇒ MS out look :- An email id & personal information management, control, tasks.

Objective of the Activity Done:

SMT (Surface Mount Technology)

Detailed Report: ⇒ SMT vs Through-hole technology = SMT replaced the older through hole technology, Electronic Components of PCBs

⇒ Component packaging: - SMT come in various packages that are specifically designed for SMT & maintaining

⇒ Minimization and Efficiency: - SMT enables the minimization of electronic devices by reducing the size of components, PCB.

⇒ High Speed & High density: - SMT technology enables the creation of high speed & high density circuit boards the close proximity of components reduces.

⇒ Improved electrical performance.

Objective of the Activity Done:

Micro Soft office

Detailed Report

- ⇒ Processing application developed by micro soft as part of the MS Office Suite.
- ⇒ Document Creation: - micro soft word allows you to create various types of documents.
- ⇒ Formatting & Styling: - word offers a comprehensive set of formatting options to customise the appearance of your documents.
- ⇒ Page layout and design: - word provide tools for managing page layout & design you can set page margins.
- ⇒ Templates.
- ⇒ Mail Merge
- ⇒ Integration with other office apps.

Objective of the Activity Done:

- User creation.
- Detailed Report:
- ⇒ process of setting up for user name of grant individuals access.
 - ⇒ User account setup: - The create of user account an administrator central panel, system preferences command-line tool.
 - ⇒ User information: - when creating a user account creating information is typically required including the user's full name.
 - ⇒ User name: - Unique identifier for the user within the system it is used to log into the computer or network.
 - ⇒ Password: - Used to authenticate the user's identity & secure the user account.
 - ⇒ User permissions & privileges: - during user creation.

Objective of the Activity Done:

Command of "Lusvmgmt(Msc)"

Detailed Report → Micro Soft Management console (MMC) imp in used accounts & group on a local computer.

- ⇒ Accessing Lusvmgmt: To open "local users & groups" management console.
- ⇒ User Management Others you to Manage logout user / accounts on the computer.
- ⇒ Group Management, you can manage local user on the computer, local groups are used to organize users & assign permissions rather than individual accounts.
- ⇒ Group membership: - Enables to manage to you membership user & groups within local groups you can of groups.

Objective of the Activity Done:

Command of 'Secpol Msc'

Detailed Report:

- ⇒ Accessing:- To open the local Security policy management console.
- ⇒ Press windows key + R to open the run dialog box.
- ⇒ Type 'Secpol Msc' in the run box.
- ⇒ The window will open.
- ⇒ Settings :- Provides a centralized interface to manage various, including but not limited to:-
 - ⇒ Account policies:- Completely, other account related Security settings.
 - ⇒ Security options:- and its policies, local group policies.

Objective of the Activity Done:

"Group policies" (group MSE)

Detailed Report:

- ⇒ Centralized Management: - Group policies provide a centralized method for administrators to manage & enforce user or computer settings.
- ⇒ Configuration Automation, allow administrator to customize a wide range of settings.
- ⇒ Policy inheritance: - organized in a hierarchical structure, allowing policies.
- ⇒ Policy enforcement: - Applied during system set up login & regular intervals.
- ⇒ Group policy templates: - contain the actual settings & configurations.

Objective of the Activity Done:

Group policies

Detailed Report:

⇒ Resultant of set policy: The Resultant Set up policy is a tool that allows administrators to analyze the effect.

⇒ Group policy preferences: - Provide additional flexibility in Managing settings & configurations.

⇒ Filtering & Targeting: - Filtered and targeting to specific user, & groups or computers within active directory environment.

⇒ Loop Lock processing: - Loop lock processing is a group policy feature.

⇒ Settings: - While additional settings are important to note that some settings.

Objective of the Activity Done:

- Group policies
- Detailed Report: ⇒ Extensions: - Additional client side (i.e.) extension - these provide additional settings & configurations.
- ⇒ Group policy central store: - Centralized local on where administrators template files.
- ⇒ Level targeting: - For fine grained targeting of settings through item-level, this feature enables administrators to apply preferences based on various conditions.
- ⇒ Remote Systems: - Administrators can manage group policies from other local machines by installing the Server Remote (RSAT).

Objective of the Activity Done:

Page Setup Complete.

Detailed Report:

Word also allows you to customize the page size in the page set up dialog box.

- ⇒ From the layout tab, click size, select the proper size from the drop down menu.
- ⇒ Adjust the value of width & height then click OK.
- ⇒ The page set up dialog box will appear.
- ⇒ The page size of the document will be changed.
- ⇒ Printing this document "paper tab in 'page set up' dialog box"

WEEKLY REPORT
WEEK 14. (From D.D. 28/3/20 to D.D. 7/4/2020)

Objective of the Activity Done:

Detailed Report: → Mailing Tab in Microsoft Word is used for creating Envelopes, Labels & Mail Merge. Mail Merge is a feature for sending a letter to the multiple recipient at a time with separate details like Address and greetings lines.

It allows your merge mails, writing & inserting different fields preview results & convert a tab provides icons for document related commands.

→ Allow us to create labels, Envelopes & letters with personalized input.

→ Computer-based application for the exchange of messages between users.

→ Review tab provides icon for document review related commands.

ACTIVITY LOG FOR THE FIFTEENTH WEEK

Day & Date	Brief Description of The Daily Activity	Learning Outcome	Person In-Charge Signature
Day-1 01/1/23	Group policy part-3	Learned Group Policy Part-3	
Day-2 02/1/23	Practice on group policy part-1	Learned Group Policy Part 2	
Day-3 03/1/23	Practice on Group policy part-2	Learned Group Policy Part-3	
Day-4 04/1/23	Practice on Group policy Part-3	Practiced	
Day-5 05/1/23	Practice on Group policy part-3	Learned ms-word Practice	
Day-6 06/01/23		LAB	

DETAILED INTERNSHIP PROJECT REPORT

1. Introduction.
2. Project specifications (area / background of the work assigned).
3. Problems taken up.
4. Analysis of the problem.
5. Recommendations and conclusions.

MILWAUKEE COLLEGE

EST. 1860

System Administration

USER MANAGEMENT SYSTEM
COMPUTER ADMINISTRATION

USER MANAGEMENT SYSTEM

ABSTARCT

This project aims at creating a simple user management system that is required by every website where multiple users can login. This let new user registration, login & logout for every user. Authentication is done every time a login attempt is made. The data of every user is stored in database, thus it make use of database fetch & store utility.

This project is a simple full stack project built with little bit of every tool. Python is used for programming, Django is used as a framework to support various application. The frontend work is basic & simple utilizing the tools. Adequate messages & popups are shown for very mistake and any restricted task.

Thus the management of users will help users access to the website. The validation of data in this project is quite strong. Unique data must be their for every user.

INTRODUCTION

This project is about how the user data is stored in every website & application. How users are able to create new account and sign in based on the new registration.

Users are able to login based on their credentials and every time they log in, authentication is done, means the data in the data bases is matched with the

data entered in the login form. The login form is submitted to Django view password & username are matched, only if they match the website can be accessed, otherwise the site shows an error.

Similarly when a new user wants to register, he/she has to create a new account entering details including the user name, full name, email, password & reenter password.

Even at this time the details entered by the user are matched with database to check for similar data, an error pops up if data is not unique, username & email should be unique.

The user is redirected to the same page in case an invalid attempt is made. For example, if an invalid data is entered in the registration form, the user is redirected again to fresh registration form.

Objective

The main objective of this project is to help a random user get access to website. For this user needs login credentials, if user have them he can login with them and get access to site.

Else, user is given an option of creating new account entering his/her details and this details get saved in the database. Then user is redirected to login page to sign in with credentials.

Any number of users can create new account with unique data, get access to their individual data in the website. The objective of this is to separate the feed of website for every unique user.

Organisation of report

- Chapter 1 gives the basic introduction about project and basic fundamentals that will be used in implementing the project.
- Chapter 2 gives us the literature survey of "User Management System". In this we will have brief of journals, research papers, internet source of application.
- Chapter 3 is most important chapter in which we will discuss about the implementation of project including explanation and source code of the project.
- Chapter 4 is the model used for analyzing the performance of User Management System. Outputs of the project at various stages and comparisons between different outputs.
- Chapter 5 will cover the end conclusion of the project and what further can be implemented in future to this project so that it becomes more efficient and reliable.

LITERATURE SURVEY

Create a local user account

1. Select **Start > Settings > Accounts** and then select **Family & other users**. (In some versions of Windows you'll see **Other users**.)
2. Select **Add someone else to this PC**.
3. Select **I don't have this person's sign-in information**, and on the next page, select **Add a user without a Microsoft account**.
4. Enter a user name, password, or password hint—or choose security questions—and then select **Next**.

Open Settings and create another account

Change a local user account to an administrator account

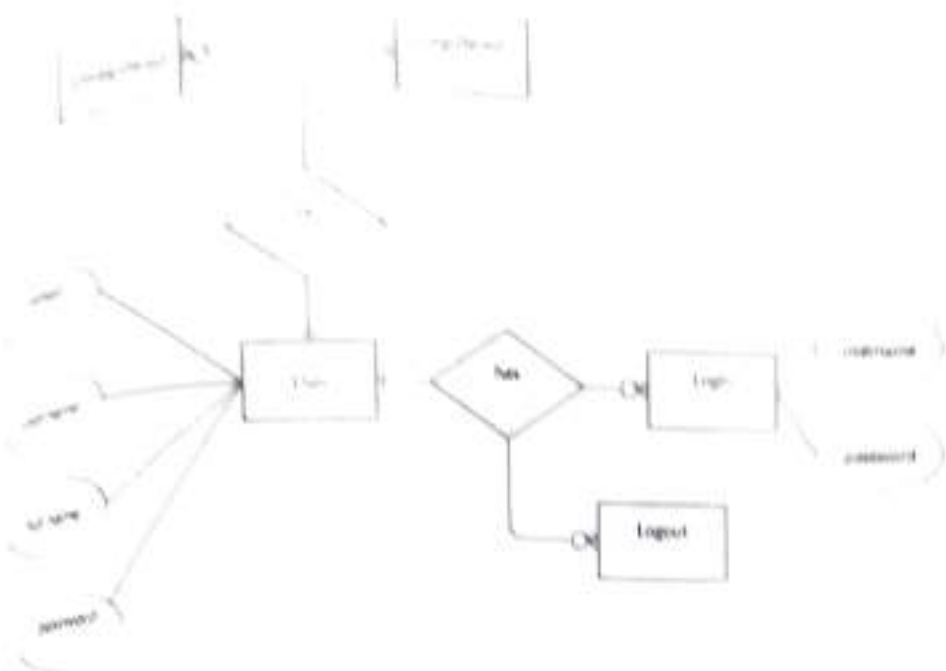
1. Select **Start > Settings > Accounts**.
2. Under **Family & other users**, select the account owner name (you should see "Local Account" below the name), then select **Change account type**.

Note: If you choose an account that shows an email address or doesn't say "Local account", then you're giving administrator permissions to a Microsoft account, not a local account.

3. Under **Account type**, select **Administrator**, and then select **OK**.
4. Sign in with the new administrator account.



Create a local user account



Entity Relationship diagram

Default local system accounts

SYSTEM

NETWORK SERVICE

LOCAL SERVICE

How to manage local user accounts

The default local user accounts, and the local user accounts you create, are located in the Users folder. The Users folder is located in Local Users and Groups. For more information about creating and managing local user accounts, see [Manage Local Users](#).

You can use Local Users and Groups to assign rights and permissions on only the local server to limit the ability of local users and groups to perform certain actions. A right authorizes a user to perform certain actions on a server, such as backing up files and folders or shutting down a server. An access permission is a rule that is associated with an object, usually a file, folder, or printer. It regulates which users can have access to an object on the server and in what manner.

You can't use Local Users and Groups on a domain controller. However, you can use Local Users and Groups on a domain controller to target remote computers that aren't domain controllers on the network.

COMPUTER ADMINISTRATION

System administration refers to the management of one or more hardware and software systems.

The task is performed by a system administrator who monitors system health, monitors and allocates system resources like disk space, performs backups, provides user access, manages user accounts, monitors system security and performs many other functions.

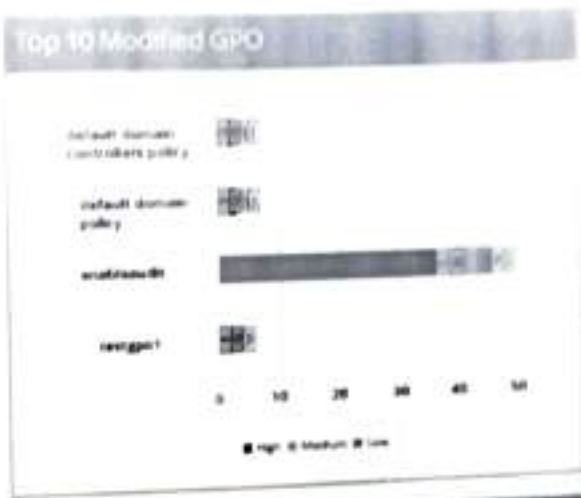
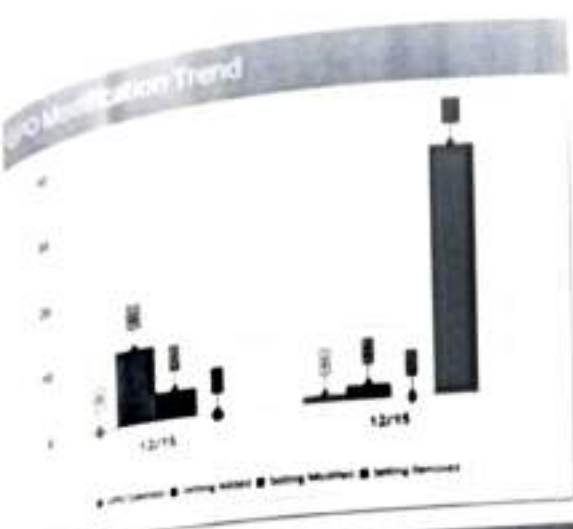
System administration is a job done by IT experts for an organization. The goal is to ensure that computer systems and all related services are working well. The duties in system administration are wide ranging and often vary depending on the type of computer systems being maintained, although most of them share some common tasks that may be executed in different ways.

Common tasks include installation of new hardware or software, creating and managing user accounts, maintaining computer systems such as servers and databases, and planning and properly responding to system outages and various other problems. Other responsibilities may include light programming or scripting to make the system workflows easier as well as training computer users and assistants.

Specifications

- Managing Windows, Linux, or Mac systems
- Upgrading, installing, and configuring application software and computer hardware
- Troubleshooting and providing technical support to employees
- Creating and managing system permissions and user accounts
- Performing regular security tests and security monitoring
- Maintaining networks and network file systems

If you're using Windows 10, version 1803 and later, you can add security questions as you'll see in step 4 under **Create a local user account**. With answers to your security questions, you can reset your Windows 10 local account password. Not sure which version you have? You can check your version.



FUTURE SCOPE

throwing some light on the future of this program, so this project has great scope in future. In future we will include many features to this program. We have countless amendments to make on this project from security & encryption of data to the frontend work.

everything discussed in this chapter may seem like a lot of additional work that takes away from the "real" work of administering systems, actually the opposite is true; only by keeping this philosophy in mind will you give your users the service they deserve, and reach your full potential as a system administrator.

CHAPTER 4: OUTCOMES DESCRIPTION

Describe the work environment you have experienced (in terms of people interactions, facilities available and maintenance, clarity of job roles, protocols, procedures, processes, discipline, time management, harmonious relationships, socialization, mutual support and teamwork, motivation, space and ventilation, etc.)

→ People interactions: A supportive work environment fosters positive interactions & promotes open communication.

→ facilities & Maintenance: A well maintained & organized work space is important for productivity.

→ protocols, procedures & processes.

Describe the real time technical skills you have acquired (in terms of the job related skills and hands on experience)

→ programming & software development: I can assist with programming languages of such as python, Java, etc. Java, script.

→ web development: HTML, CSS, JAVASCRIPT as well as frameworks & libraries like react and angular.

→ Data base Management.

→ net working and IT infrastructure.

Describe the managerial skills you have acquired (in terms of planning, leadership, work behaviour, workmanship, productive use of time, weekly improvement in competencies, goal setting, decision making, performance analysis, etc.)

> **planning and organizing**:- Managers need to be skilled in creating strategic plans, setting goals & organizing resources to achieve objectives.

> **Leadership**:- Effective managers inspire & motivate their teams towards a common goal.

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:-
Pay attention to other Maintain eye contact & show genuine interest in what they are saying.
Speak clearly & concisely.

Use effective body language Seek feedback.
Written Communication → Conversational abilities.

> Confidence and Anxiety Management.

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

Active Listening: Practice active listening by paying full attention to others during group discussions.

Empathy and respect: Cultivate empathy & respect for your team members, ideas, opinions and contributions.

Time Management: Be mindful of time intervals during group discussions.

Describe the technological developments you have observed and relevant to the subject area of training (focus on digital technologies relevant to your job role)

Natural Language Processing: NLP has significantly advanced, enabling machines to understand.

Deep Learning: Deep learning a subset of machine learning has experienced remarkable advancements.

Cloud computing

Reinforcement learning

Generative Adversarial Networks: (GANs) are a class of machine learning models that are capable of generating synthetic data.

Student Self-Evaluation of the Semester Internship

Student Name: ALLANKA LOKESH

Registration Number: 120130801006

Term of Internship: 15 WEEKS (540Hours) From: 01.04.2023 To: 14.07.2023

Date of Evaluation:

Organization Name & Address: Mrs AVN COLLEGE.

Visakhapatnam.

1	Oral communication	1	2	3	4	5 ✓
2	Written communication	1	2	3	4	5 ✓
3	Proactiveness	1	2	3	4 ✓	5
4	Interaction ability with community	1	2	3	4 ✓	5 ✓
5	Positive Attitude	1	2	3	4	5 ✓
6	Self-confidence	1	2	3	4	5 ✓
7	Ability to learn	1	2	3	4	5 ✓
8	Work Plan and organization	1	2	3	4	5 ✓
9	Professionalism	1	2	3	4 ✓	5
10	Creativity	1	2	3	4 ✓	5
11	Quality of work done	1	2	3	4 ✓	5
12	Time Management	1	2	3	4	5 ✓
13	Understanding the Community	1	2	3	4 ✓	5
14	Achievement of Desired Outcomes	1	2	3	4	5 ✓
15	OVERALL PERFORMANCE	1	2	3	4 ✓	5

Date:

A. Lokesh
Signature of the Student

Evaluation by the Supervisor of the Intern Organization

Student Name: ALLANKA LOKESH

Registration Number: 170110801006

Duration of Internship: 15 WEEKS (540 Hours) From: 01.04.2023 To: 14.07.2023

Mode of Evaluation:

Organization Name & Address: HCTE Pvt Ltd, Opposite Y School, Srinivasa Nagar,
GITAM College Road, Visakhapatnam


Name & Address of the Supervisor with Mobile Number:

Please note that your evaluation shall be done independent of the student's self-

evaluation.

Scale: 1 is lowest and 5 is highest rank

1	Oral communication	1	2	3	4	5 ✓
2	Written communication	1	2	3	4	5 ✓
3	Proactiveness	1	2	3	4	5 ✓
4	Interaction ability with community	1	2	3	4	5 ✓
5	Positive Attitude	1	2	3	4	5 ✓
6	Self-confidence	1	2	3	4	5 ✓
7	Ability to learn	1	2	3	4	5 ✓
8	Work Plan and organization	1	2	3	4	5 ✓
9	Professionalism	1	2	3	4	5 ✓
10	Creativity	1	2	3	4	5 ✓
11	Quality of work done	1	2	3	4	5 ✓
12	Time Management	1	2	3	4	5 ✓
13	Understanding the Community	1	2	3	4	5 ✓
14	Achievement of Desired Outcomes	1	2	3	4	5 ✓
15	OVERALL PERFORMANCE	1	2	3	4	5 ✓


Signature of the Supervisor

14/07/2023

INTERNAL ASSESSMENT STATEMENT

(Assessment by the industry / enterprise / organisation)

Name of the Student: AITANKA LOKESH

Programme of Study: B.A

Year of Study: 2022-2023

Group: HISTORY, ECONOMICS, POLITICAL SCIENCE

Register No/H.T. No: 120130801006

Name of the College: Mrs AVN COLLEGE,

Visakhapatnam.

University: Andhra University, Visakhapatnam.

S.No.	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Project Log	10	10
2.	Project Implementation	20	17
3.	Project Report	10	10
4.	Presentation	10	10
GRAND TOTAL.		50	47

Date: 14/7/23

Seal:



47

Sign. of the
HR Manager/Head of the Division

EXTERNAL ASSESSMENT STATEMENT
(To be used by the Examiners)

Name of the Student: ALLANKATOKI SRI

Programme of Study: B.A

Year of Study: 2022-2023

Group: HISTORY, ECONOMICS, POLITICAL SCIENCE

Register No/H.T. No: 120130801006

Name of the College: Mrs AVN COLLEGE

Visakhapatnam.

University: Andhra University, Visakhapatnam.

S. No.	Evaluation Criterion	Maximum Marks	Marks Awarded
1.	Internship Evaluation	80	
2.	For the grading giving by the Supervisor of the Intern Organization	20	
2.	External Viva – Voce	50	
TOTAL		150	
GRAND TOTAL (EXT. 150 M + INT. 50 M)		200	

Final Evaluation Committee

- 1. Teacher Guide:**
- 2. Internal Expert:**
- 3. External Expert (Nominated by the affiliating University):**
- 4. Signature of the Principal/HOD with Date & Seal:**

Photographs





GPS Map Camera
Visakhapatnam, Andhra Pradesh, India
530003, 9-41-31/1, Pithapuram Colony Rd, AU North Campus,
Pithapuram Colony, Maddilapalem, Visakhapatnam, Andhra Pradesh
530003, India
Lat 17.734494°
Long 83.32077°
20/08/23 09:38 AM GMT +05:30