

KENDRIYA VIDYALA NO.3 DELHI CANTT

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Session: 2021-2022

Synopsis of COMPUTER SCIENCE(083)

Project Name= Employment Management System

SUBJECT = COMPUTER SCIENCE(083)

TEACHER= MRS NEETU VARSHNE

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INTRODUCTION:-



Employee management is the effort to help employees do their best work each day in order to achieve the larger goals of the organization. There are many tasks and duties that fall under employee management, but almost all of them can fit into one of five categories:

Selection

Monitoring

Interaction

Reward

Discipline

CATEGORIES:

Selection entails finding and hiring the right candidates to fill open positions to keep teams and departments running smoothly.

Monitoring includes the measuring and evaluation of employee performance, also called performance management.

Interaction covers the day-to-day exchanges between manager and reports, as well as among peers, to communicate job expectations, company culture, feedback, and more.

Reward aspect of employee management includes the praise, recognition, monetary prizes, and other incentives that managers may offer employees as a result of high performance.

Discipline describes the measures that managers may take to improve low performance, correct mistakes, and enforce company policies.



Categories

CASE SCENARIO



Satish was a Sales Manager for an Industrial Products company and got promoted to the Product management team. After a week in his new role there was a meeting headed by the VP Mr Sharma which included all the Product Managers. Satish's new boss (Product Manager Ketan) was not able to attend due to some other preoccupation.

Hence, the Marketing Director, Preet - asked Satish to attend the meeting as this would give him an exposure into his new role. At the beginning of the meeting, Preet introduced Satish very briefly to the VP. The meeting started where Mr Sharma got into a series of questions from him to every Product Manager. He was known to be pushy and a blunt veteran in the field.

When Mr Sharma started grilling Satish, being new to the product, he was quite confused and fared miserably. Preet immediately understood that Mr Sharma had possibly failed to remember that Satish was new to the job. As he was thinking to interrupt Mr Sharma and making him aware of the situation, Mr Sharma strongly commented on his disappointment from Satish's lack of knowledge. Satish was visibly angry at the treatment meted out by Mr Sharma but he also chose to keep mum. After the meeting Mr Sharma asked Preet to stay back and questioned him whether he was too hard on Satish. Preet disclosed the original matter to him then. On hearing this, Mr Sharma called perplexed Satish to his room and apologized for his behaviour. He further stated, "For everybody, time is required for learning. I will expect you to know all the nuances of your product in three months time. Until then you have my complete confidence" and ended the conversation with a big reassuring handshake.



ABOUT THIS CASE STUDY:-



- The purpose of this case study is to primarily consider a hypothetical situation involving the understanding of a new employee by the manager
- Gap in communication can happen in corporate communications, the effectiveness of a meeting/discussion is determined by whether everyone is on the same page
- It all depends on how miscommunications and judgemental decisions



SYSTEM REQUIREMENTS



THE HARDWARE USED:-

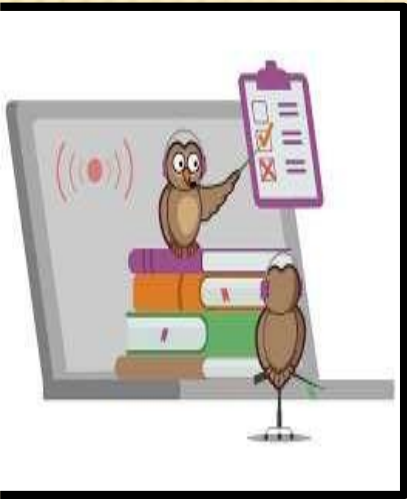
- PC with intel core i5 processor having 4 GB RAM
- Customized key boards ,mouse .

THE SOFTWARE USED:

- Microsoft Windows 8 as operating system
- Python as Front- end development environment
- CSV/ spreadsheet as back-end server



ADVANTAGES

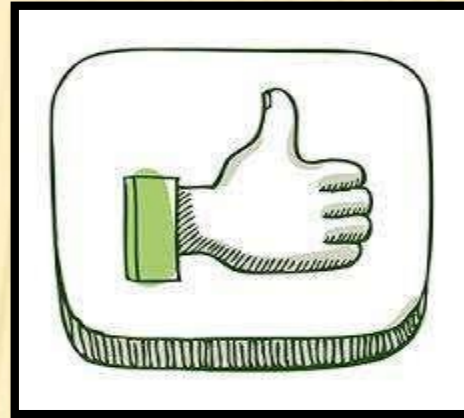


DEMAND IN
REAL
WORLD

USER
FRIENDLY

TIME
SAVING

PASSWORD
PROTECTED



MENU
DRIVEN

FAST AND
VERSATILE





ADVANTAGES



- **User Friendly**=It is user friendly because it allows the user to create , delete , update data etc very easily.
- **Time Savings**=It save the time because the programming is executed in binary files format which is very fast ,which result in time saving.
- **Menu Driven**= It is completely menu driven i.e a given set of options will be there to guide the user.
- **Password Protected**=For security reason the files are protected with passwords and can only be opened by the correct inputs.
- **Fast and Versatile**= The program is very fast because of Binary formats and it is versatile because it helps the user to perform various action at the same time.
- **Demand In Real World**= Management programs are very demandable in real world because in every workplace there should be a perfect order and sets of calculation.



CONTENT OF SYLLABUS USED



- **REVIEW OF CLASS 11=**Basics of class 11(strings ,lists, tuple, dictionary, modules).
- **FUNCTIONS=** Types of function (built-in functions, functions defined in module, user defined functions), creating user defined function, arguments and parameters, default parameters, positional parameters, function returning value(s), flow of execution, scope of a variable (global scope, local scope)
- **DATA FILE HANDLING =**
 - Text file:** opening a text file, text file open modes, closing a text file, opening a file using with clause, writing/appending data to a text file using write() and writelines(), reading from a text file using read(), readline() and readlines(), seek and tell methods, manipulation of data in a text file
 - Binary file:** basic operations on a binary file: open using file open modes close a binary file, import pickle module, dump() and load() method, read, write/create, search, append and update operations in a binary file.
 - CSV file:** import csv module, open / close csv file, write into a csv file using csv.writerow() and read from a csv file using csv.reader()

FUTURE PLANNING OF THE PROJECT



To enable print system

To enable a user interface for easy communication.

To enable graphical representation of employee details.

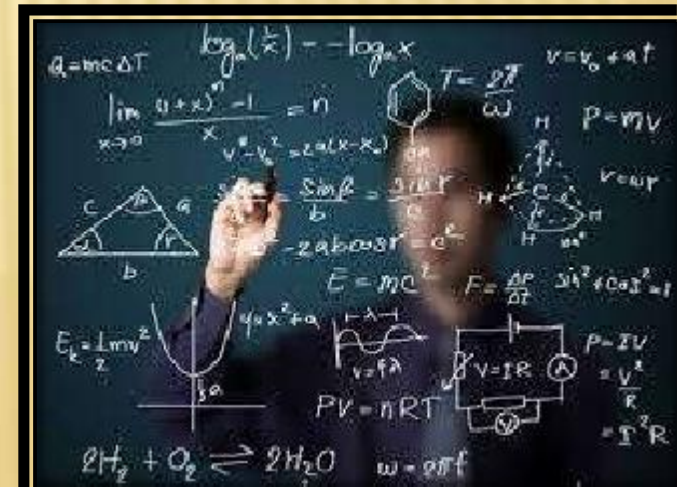
ANALYSIS

- **Determines Feasibility of a Project**=It easily complete the state or degree of being easily or conveniently done. The project execution is very smooth and easy.
- **Aids in Budgeting**=As already stated, projects cost money. In my project , from the beginning a minimal amount of money is used to ensure financial stability.
- **Detects and Mitigates Risks**=All projects are subject to several risks such as poor design, poor implementation, pilferage of resources, and so on but in my project system inconsistency , crash of networks are some expected risks.
- **Success Indicators**=This is the breakdown of the entire analysis. It basically provides the finer details of when each aspect or element of the project shall be carried out. In my project a bulk amount of data can be stored and there is no storage problem because it is a cloud storage program.
- **Client Requirements** = All the demands of clients are fulfilled because my project can handle data in all way very smoothly .



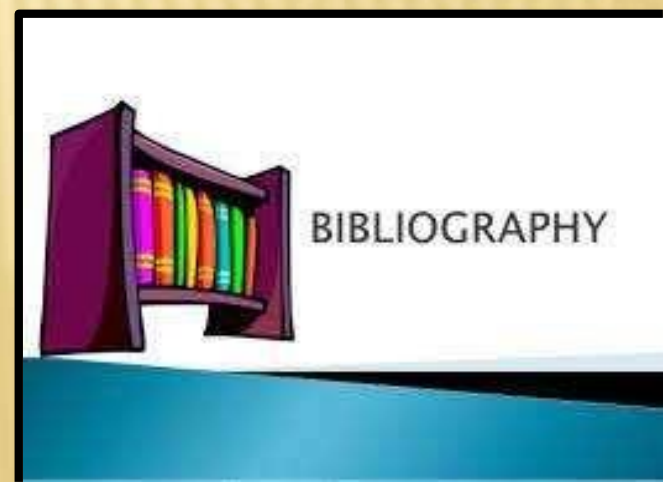
CALCULATIONS

1. Estimated time = 2 weeks
2. Total members= 2
3. Total cost (estimated)= RS 100 – Rs 150



BIBLIOGRAPHY & LINKS AND REFERENCE

- ❖ <https://www.google.com/>
- ❖ CLASS 12 PREETI ARORA
- ❖ Teachers
- ❖ Parents
- ❖ Friends



The image features the words "Thank You!" in a large, white, 3D sans-serif font. The text is centered and appears to be floating or wrapped by a dynamic, multi-colored ribbon. The ribbon is composed of numerous thin, overlapping layers of color, including red, orange, yellow, green, blue, and purple, creating a rainbow-like effect. The ribbon swirls and loops around the text, giving the impression of movement and energy. The entire composition is set against a plain white background.

Thank You!