KENDRIYA VIDYALAYA BARRACKPORE (ARMY)

COMPUTER SCIENCE INVESTIGATORY PROJECT

NAME : Preetam Dutta

CLASS : XII

ROLL NO. :

SECTION :A

SUBJECT :Computer Science

**CERTIFICATE**

This to certify that Mr. Preetam Dutta of Class XII-A has prepared the report on the project entitled " Sales Management System ". The report is the result of his efforts & endeavours. The report is found worthy of acceptance as final project report for the subject Computer Science of class XII. He has prepared the report under my guidance.

(Mr. Anil Kumar Yadav)

PGT (Computer Science)

KENDRIYA VIDYALAYA BARRACKPORE(ARMY)

ACKNOWLEDGEMENT

The successful completion of any task would be incomplete without mentioning the names of those persons who helped to make it possible. I take this opportunity to express my gratitude in few words and respect to all those who helped me in the completion of this project.

It is my humble pleasure to acknowledge my deep senses of gratitude to my Computer Science teacher, Mr. Anil Kumar Yadav for his valuable support, constant help and guidance at each and every stage, without which this project would not have come forth.

I also register my sense of gratitude to our principal, Mr. Ashim Nath, for his immense encouragement that has made this project successful.

I would also like to thank my friends and family for encouraging me during the course of this project.

Last, but not the least, I would like to thank CBSE for giving us the opportunity to undertake this project.

**INTRODUCTION**

A management system is used to manage the data at workplace , markets etc , and if the data is not handled properly then in future, we may not use it in the way we want. Managing a set data is necessary so we need a proper software to handle this work.

The data is an essential part of one's workplace so we must ensure that the data we are managing must be properly managed as it might be needed in later future.

**SOFTWARE SPECIFICATION: -**

* Operating System: Windows 7,10,11
* Platform: Python 3.8 and above
* Database: MySQL
* Languages: Python

**HARDWARE SPECIFICATION: -**

* Processor: quad core and above
* Hard Disk: 50GB
* Ram: 2GB
* Note: For Python-MySQL connectivity, following data have been used:

Host-localhost user-root, password- enter your password, database-enter your database name.

**Database Scheme: -**

Create Database info;

CREATE TABLE SOLD(CPN INT(10),PRODUCT\_ID INT(5), PRODUCT\_NAME VARCHAR(25) , QTY INT(2) ,PRICE INT(4) , DATE\_OF\_PURCHASE DATE() );

**ModuleuseD: -**

* mysql. Connector
* pickle
* datetime

**User Defined Functions: -**

* newemp ():

This function will add the Employee details to the table.

* showemp ():

This function shows the particular data of a Employee.

* resign ():

This function will delete the details of Employee.

* newstock ():

This function will add the details of Product.

* Add():

This fuction will add stock of a certain product

* Incprc():

This fuction will increase price of a certain product

* Decprc():

This fuction will decrease the price of a certain item

* Sold():

This function will reduce the stock of sold item

* Showstock():

This fuction will show the table of products in or out of stock

**Source Code**

**OUTPUT**