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**Progressive Education Society's**

**MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE**

**SHIVAJI NAGAR, PUNE -05.**

**SYSNOPSIS**

**PROJECT NAME: SPORTS AND GYM EQUIPMENT MANAGEMENT**

**NAME: 1) SHARON SALVE**

**2) HARSH MARKAD**

**EXISTING SYSTEM**

This system is designed to facilitate gym and sports equipment shop to automate its operation keeping its record and store them in a large form and user friendly easy to access to the personnel

The project is made in order to effectively and efficiently caters to the requirement of the customer.

The client who very frequently holds the task to manage the records of all transaction as well as manually.

Generally in order to structure these task separate register are maintain. This whole process thus becomes quite complicated for them to control manually. Moreover any wrong data entered mistakenly can bring a serious result.

This manfully managed system and heavily stored data can loss due to certain causes and misplacement of register unauthorised access to register etc.

The cost of maintained of data and record of occurrence of transaction is very high.

Searching a specific data to particular requirement is also a time consuming in such system. In order to retrieve records, the responsible person needs to manually locate the appropriate register and locate the appropriate placement of the particular record which can be time consuming.

Data redundancy is also a great issue in such kind of system. Thus data modified or updated at a particular place may not be data modified or updated at the other related place which may create the disorder in the data handling. Destroys data integrity and creates confusion for the owner.

**PROPOSED SYSTEM**

The software visual basic is capable enough to allow the concerned person to store and retrieve any type of record with just a single click of mouse. The software allows interactive, self describing and graphic user interface environment where user can work very comfortably and easily.

All the data pertaining to transaction or other entities is kept at central database from where its attribute can be easily controlled.

But such kind of data is hidden from user. He just need to type in correct details of given entity.

Visual basic is a third generation event driven programming language and associated development environment (IDE) from Microsoft programming model. Visual basic was derived from BASIC and enables the rapid application development of GUI application access to the database using data access objects DAO.

There is no to manage bulky register now as data stored in the backend database can be easily retrieve either from frontend from itself or directly from database.

Requires one time investment of setting up require hardware and software after which no more headache is required by the managers. Moreover it reduces dependency of manpower.

Effective search measures are present at each and every data transactional forms from where by just entering a unique keyword for that data its whole records can be readily seen within microseconds. Moreover facility of Updating and deletion of data through search is also available.

**\*FORM DESCRIPTION\***

**Form 1- LOGIN ID AND PASSWORD**

This form contains the login id and password menu to access the database.

**Form 2- MAIN MENU**

This form contains the list of all sub-menus that is provided for the client according to their needs.

* Main menu-
  + - Gym Equipment
    - Sports equipment
    - Inventory
    - Sales and purchases
    - Employee details
    - Vendors and orders details
    - Billing system management
    - Shop maintenance
    - Shop accounts management
    - Marketing management
    - Client management

**Form 3- Gym equipment management**

This form contains the details of gym equipments sold by the client’s shop. Types of equipment list with cost.

**Form 4- SPORTS EQUIPMENT MANAGEMENT**

This form contains the details of all the sports equipment sold by the clients shop. It contains the sports wise equipment list with costing and types.

**FORM 5-INVENTORY**

This form contains all the inventory details about sports and gym equipment. It gives the details about the current stock and the future requirement of the shop.

**FORM 6- SALES AND PURCHASES**

This form contains all the history and details of sales and purchases of the shop. It helps in keeping the records safe and secure.

**FORM 7-EMPLOYEE DETAILS**

This form gives the information about all the employees working in the clients shop currently according to their work description, salary, timings etc.

**FORM8- VENDOR DETAILS**

This form gives the information about the shop vendors and their details like the goods purchased, future orders etc.

**FORM 9-BILLING SYSTEM**

This form gives the facility of billing system to the employees of the shop. It is an automated system which will provide an ease of work for the employees.

**FORM 10-SHOP MAINTENENCE**

This form provides the facility of recording the day to day work done on the shop like repairing, change of equipments, daily maintenance cost, etc.

**FORM 11- SHOP ACCOUNTS**

This form will provide the facility of accounts handling for the shops accountant. It will provide customized accounts system like tally.

**FORM 12-MARKETING MANAGEMENT**

This form will contain all the information about the marketing details done for the shop sales. For example details of costing of advertisement in newspaper, magazines, posters etc.

**FORM 13-CLIENT MANAGEMENT**

This form will contain all the information about the shops clients. This will include the client’s details, shopping history, orders, and client’s recommendations. The clients may include trainers, regular customers, gym, corporate clients etc.

**FURTHER SCOPE AND FUTURE ENHANCEMENT**

The project has very vast scope in future, especially to manage the details. This software visual basic is quite capable to handle the bulk of data no need to register information manually.

The project can be implemented on intranet in further future and can be updated in near future as and when requirement for same arises as it is flexible in terms of expansion components which can access all the database can pick up different function.

With proposed software of database manager ready and fully functional the client now able to manage and hence run the entire work in much better, accurate and error free manner.

**HARDWARE & SOFTWARE TO BE USED**

**Hardware requirement**

Hardware is a term given to machinery itself and to various individual pieces of equipment. It refers to the physical devices of the computer system. Thus the input storage processing control and output devices are hardware.

**Processor:**

RAM : 8GB

HDD : 1tb

CD-ROM :

12 inches colour monitor

104 keys keyboard

**Software requirement**

Software means a collection of program where the objective is to enhance the capabilities of the hardware machine.

Minimum Software Requirement of client

Operating System: windows 10

Database : Microsoft office access

Front end : Visual Basic 6.0