

**SHAHAJIRAO BAJIRAO PATIL VIKAS PRATISTHAN`s**

**S.B.Patil College Of Polytechnic,Vangali**

**SUBJECT: Environmental Studies**

**Report On**

**School Management System**

**SUBMITTED BY**

CHAVAN POOJA JANARDHAN (4)

KOLTE POONAM PANDURANG (5)

ANARASE GAURAV PRAKASH (9)

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**UNDER THE GUIDANCE OF**

Mrs. BORSE S.T.

2019-20

**Part A-Plan**

**Micro-Project On**

**School Management System**

**Brief Introduction:**

Student Management System is an environment where all the processes of student in the institute is managed. It is done through the automated computerized method. This system saves the time of the administrator or teacher. It includes the process like insert the details of new student, update some details of student, delete the record of any student, etc. This system reduces the cost and workforce required for this job.

**Aim of the Micro-Project:**

* To study the concept of data base.
* To study the different methods to insert the record, delete the record, etc.
* To study the connectivity of data base with program.

**Action Plan:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Details of Activity | Planned Start Date | Planned End Date | Name of Responsible Team Members |
| 1 | Collect data from Different Sources (books/internet/etc.) | 16-2-19 | 20-2-19 | Gaurav Anarase |
| 2 | Analysis of the collected data & to generate useful information from it. | 20-2-19 | 23-2-19 | Poonam Kolte |
| 3 | Program Code |  |  | All members |
| 4 | Testing | 5-3-19 | 10-3-19 | Pooja Chavan |
| 5 | Prepare Report | 10-3-19 | 13-3-19 | All members |
| 6 | Presentation | 13-3-19 | 18-3-19 | All members |

**Resources Required:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Name of Resource | Specifications | Quantity | Remarks |
| 1 | Hardware: Computer System | 320 GB HDD, 2 GB RAM | 1 |  |
| 2 | Operating System | Windows-XP | 1 |  |
| 3 | Software | JCreator | 1 |  |

**Part B (Outcomes after Execution)**

**Micro-Project on**

**Energy Conservation**

**Brief Description:**

Student Management System is an environment where all the processes of student in the institute is managed. It is done through the automated computerized method. This system saves the time of the administrator or teacher. It includes the process like insert the details of new student, update some details of student, delete the record of any student, etc. This system reduces the cost and workforce required for this job. As for the existing system, they use to maintain their record manually which makes it vulnerable to security. If field a query to search or update in a manual system, it will take a lot of time to process the query and make a report which is a tedious job. As the system used in the institute is outdated as it requires paper, files and the binders, which will require the human workforce to maintain them, so it is the very hectic job. The computerized system store all the data in the database which makes it easy to fetch and update whenever needed.

**Aim of Micro-Project:**

1. We were studied the concept of data base.
2. We were studied the different methods used to insert, delete the record.
3. We were studied the concept of preemptive and non-preemptive.
4. We were studied how to perform connectivity of data base with program.

**Course Outcomes Integrated:**

1. Develop program using different java methods and constructors.
2. Develop program of connectivity of data base with program.

**Actual Procedure Followed:**

First **Gaurav** **Anarase** collects data from different resources books, internet and other reference books etc. Analysis of the collected data and to generate useful information from it, this work was done by **Poonam Kolte**. After that all group members have done the program code. After coding **Pooja Chavan** test all of the coding and the functionality of that. At the end prepared the report of micro-project by all group of members and also prepared presentation by all of members.

**Actual Resources Used:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Name of Resource | Specifications | Quantity | Remarks |
| 1 | Hardware: Computer system | 320 GB HDD, 2 GB RAM | 1 |  |
| 2 | Operating System | Windows-XP | 1 |  |
| 3 | Software | JCreator | 1 |  |

**Program Code:**

**Output:**

**Skills Developed/Learning out of this Micro-project:**

We were studied the whole concept of data base. We were learned different methods that are used for insert, delete the record. We were learned how to perform the connectivity of data base with program.