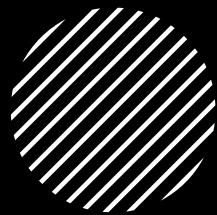




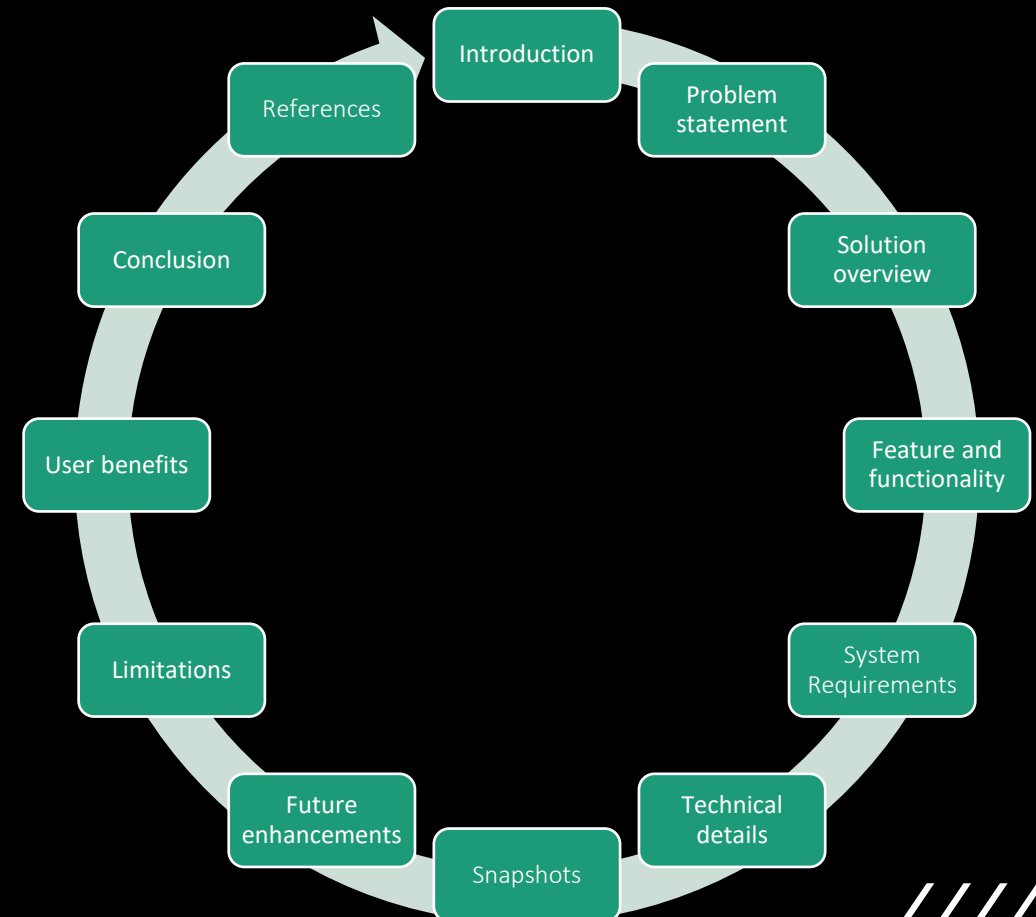
Revolutionizing the management: The student management system



Team members:

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- Sandesh Khadka

Map of the showcase





Introduction

Welcome to our revolutionary student management system, designed to transform the way educational institutions manage student data. Our cutting-edge technology streamlines the entire process, from enrolment to graduation, making it easier than ever before. With our system, you can say goodbye to the days of sifting through endless paperwork and manually entering data into spreadsheets. Our intuitive interface allows for easy navigation and data entry, freeing up valuable time for educators to focus on what really matters - their students.

Problem statement

Educational institutions face numerous challenges when it comes to manage student data manually like:



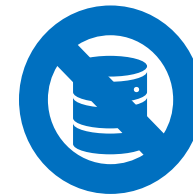
1.high chance of
data damage



2.Time consuming
while searching



3.mistakes increases
mess in the record



4.limited storage

The student management system

Solution overview

Our student management system is the answer to the growing need of the effective, efficient and reliable student data management.

Our system offers a range of benefits including easy access to student, security, navigation and so on. With our system, educational institutions can

- a. Save time.
- b. Reduce efforts.
- c. Improve efficiency.





Feature and functionality

The student management system offers a wide range of features that makes easy to manage student data. The software shows a menu bar from where they can select the required services like:

- a. Adding the new students' data
- b. Appending the data
- c. Deleting the data
- d. Displaying specified or all students' data



System Requirement

1. Hardware:

- PC with Pentium II Processor (260 MHz) or latest
- 32 MB of RAM or more
- Hard disk with at least 50 MB of free space

2. Software:

- OS Windows (Windows XP, Windows 7, Windows 8, Windows 10)

Technical details

- The student management system is built on the concept of structure , file handling that ensures security and reliability. The system is designed to handle large volume of data with ease, while ensuring that the data can be accessed easily at the time of need.

Snapshots:

Login:

```
<== STUDENT MANAGEMENT SYSTEM ==>
*****

Login to continue:

Username: 
Password: 
```

Menu Page:

```
<== Student Management System ==>
*****

a. Add Student
b. Display All Students
c. Search Student
d. Edit Student Details
e. Delete Student
f. Exit

Enter your choice(a-f):
```



Add student:

<== Add Student Information ==>

Name: hari prasad kandel

Id no: 4545

Course and Semester: BIT 3rd semester

Address: balaju

Email: harry34@gmail.com

Phone no: 9806081817

GPA: 3.4

Paid Amount: 75000

Do you want to add another record?(Y/any other character): n

Press any key to continue

Display
student:

```
<== Student Records ==>

Student Name      : Bigyan shrestha
Id                : 6665
Class and Semester : BIT 2nd semester
Address           : damak,jhapa
Email             : bigyans04@gmail.com
Phone number      : 9807904120
GPA               : 3.00
Total Amount      : Rs 790000.00
Paid Amount       : Rs 50000.00
Due Amount        : Rs 740000.00

-----
Student Name      : hari prasad kandel
Id                : 4545
Class and Semester : BIT 3rd semester
Address           : balaju
Email             : harry34@gmail.com
Phone number      : 9806081817
GPA               : 3.40
Total Amount      : Rs 790000.00
Paid Amount       : Rs 75000.00
Due Amount        : Rs 715000.00

-----
Press any key to continue
```

Search
student:

<== Search Student ==>

Enter the ID you want to search: 4545

Student Name	: hari prasad kandel
ID	: 4545
Class and Semester	: BIT 3rd semester
Address	: balaju
Email	: harry34@gmail.com
Phone number	: 9806081817
GPA	: 3.40
Total Amount	: Rs 790000.00
Paid Amount	: Rs 75000.00
Due Amount	: Rs 715000.00

Press any key to continue



Edit student:

```
<== Edit Student Details ==>
```

```
Enter ID to Edit: 6665
```

```
<== Edit Student Details ==>
```

```
Select fields to update:
```

1. Name
2. ID
3. Semester
4. Address
5. Email
6. Phone Number
7. GPA
8. Paid Amount
9. Exit

```
Enter your choice (1-9): 1
```

```
Enter Updated Name: damber shrestha
```

```
<== Edit Student Details ==>
```

```
Select fields to update:
```

1. Name
2. ID
3. Semester
4. Address
5. Email
6. Phone Number
7. GPA
8. Paid Amount
9. Exit

```
Enter your choice (1-9): 9
```

```
Student details successfully updated.
```

```
Press any key to continue
```

Delete
student:

<== Delete Student Record ==>

Enter the ID you want to delete: 5556
Student with ID 5556 deleted successfully.

Press any key to continue



Exit:

```
<== Student Management System ==>
*****

a. Add Student
b. Display All Students
c. Search Student
d. Edit Student Details
e. Delete Student
f. Exit

Enter your choice(a-f): f
Press Y to exit and any other character to cancel: y

-----
Process exited after 1034 seconds with return value 0
Press any key to continue . . .
```

<https://github.com/sandeshkhadka10/Student-Management-System>



Future enhancements

We are looking further on improving the following aspects and features of the software in the future :

- a. user-interface and graphics.
- b. Automatic report generation.
- c. Keeping track of attendance and so on.

Limitations

- Due to the lack of proper functionality in c language , this project could not reach its full potential and has left some limitations like :
 1. No connection to the cloud storage.
 2. Monotonous user interface.



User benefits



1.Easy navigation



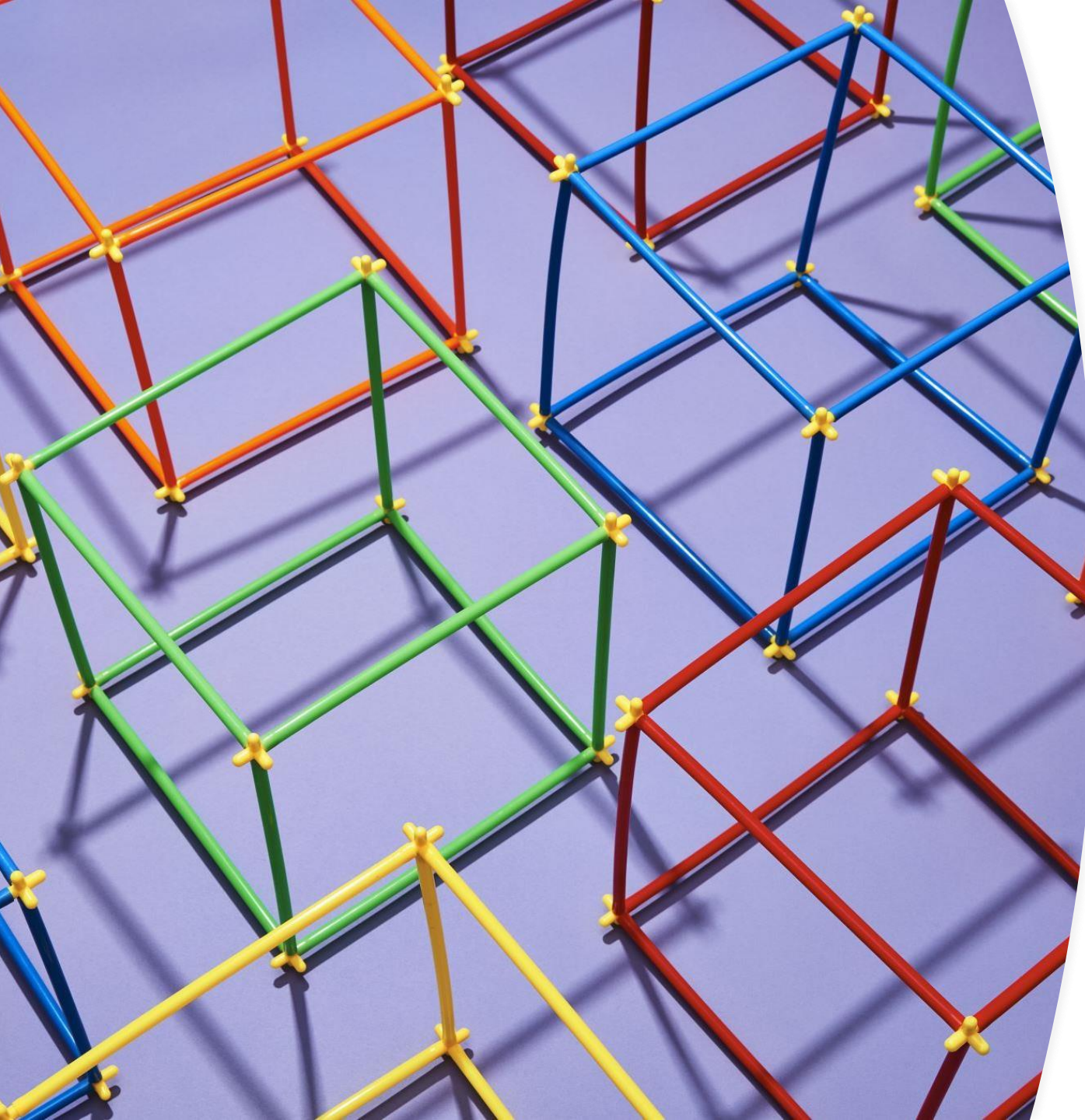
2.Saves time



3.Data security



4.Performance tracking



Conclusion

The student management system is a powerful tool that can help educational institutions manage their student data more efficiently and effectively. With the concept of file handling, powerful security, data storage capacity and easy navigation, the system has the potential to transform student data management.

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- Help and guidance from project instructor and coordinator Mr. Deepak Khadka.