

SRS DOCUMENTATION

TOPIC: Students Information Management System

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INTRODUCTION

Our project title is "Students Information management system". This topic was selected keeping in view its practical utility and applicability.

Group members

Roll no.	name	time spent by each student
110050075	Thotakuri Sree Meghana (group leader)	4lab hours and 1 extra meeting of half an hour
115320006	Suraj	4lab hours and 1 extra meeting of half an hour
115280025	Swati Verma	4lab hours and 1 extra meeting of half an hour
110260006	Ukey Abhishek Anand	4lab hours and 1 extra meeting of half an hour
115060016	Upasana dhar	2lab hours and 1 extra meeting of half an hour
110040075	Sumit Kumar Patne	3lab hours and 1 extra meeting of half an hour

Project description

As the name suggests it is the software designed to manage information of students regarding their personal information and some academic information including department and c.p.i. It preferably deals with students of IITB. This database software can be implemented by both students and administrator. Administrator can add or remove or modify or retrieve the existing data while the students can see their existing information. Every student has their own password and their roll no. serves as the username. Administrator have their own passwords and thus the display windows pops out by the given password. It has been assumed that every roll no. is a 9 digit character and starts with 11.

Features of Project

The project has many features which are as following:

- Addition of new student's information
- Calculation of c.p.i.
- Modification of existing information
- Searching and displaying information
- Deletion of any existing information
- Retrieval of any student's information
- Authentication of user

DESCRIPTION

- **Addition of new student's information:**

SIMS allows the user to add new entries to its memory file. Whenever there is a new entry in the college or batch or any group, the administrator can be easily add the corresponding attributes to the main memory simply by clicking 'Add'. This will let him add information sequentially

- **Modification of existing information**

SIMS lets the user to modify account details, but this facility is only available to faculty staff members who know the Master Password. Anyone who attempts to modify any account info details will be asked to enter that password. Failing to do so gives you an error. This can be done by clicking on 'Edit' tab provided on the display page.

- **Searching and Displaying information**

There is a facility in SIMS to search and display a student's information. It can just be viewed ,not edited. To search for a particular student's information, student will have to enter the roll no and administrator can do the same search by entering department name. This can be done using 'search' tab.

- **Deletion of any existing information**

This option lets you delete any required information and replace it with other as desired. But this option is only available to staff members who know the master password. Students can't delete this any information. There is an option 'Delete' that serves you this purpose.

- **Authentication of User**

On inception, the user will be asked whether he is a student or staff member.
Choosing
the right option will provide them their respective services/options that they are meant for.

Work Distribution

Upasana Dhar. - addition of new information

Swati Verma. - searching of information on entering roll no.or department

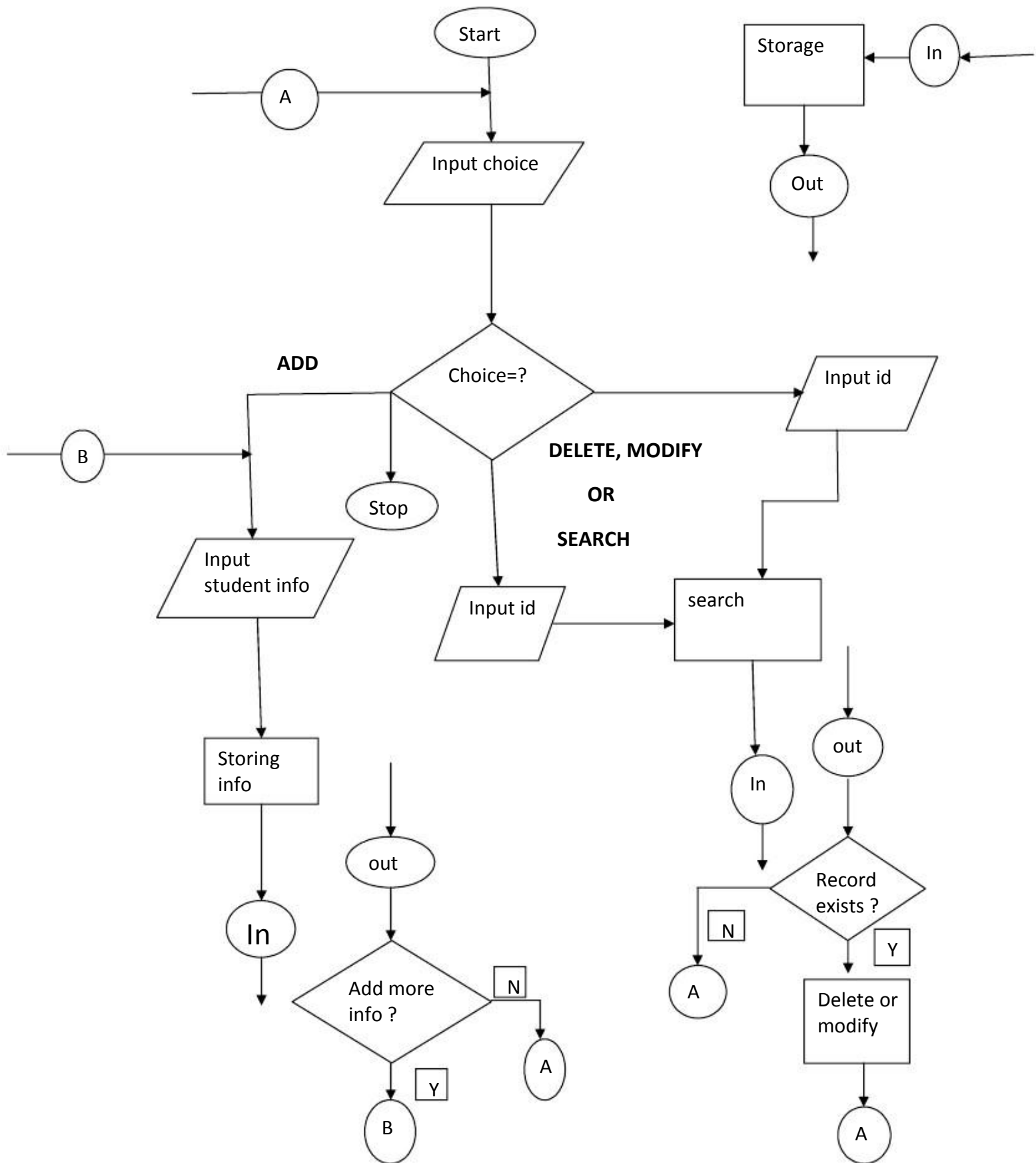
Suraj – deletion and modification of existing information

Abhishek Anand Ukey – authentication and retrieval

Thotakuri Sree Meghana- Graphics

Sumit kumar patne – sorting and c.p.i. calculation

FLOWCHART



Note: A – input choice entered by the user

B – information input to be stored

Language : C++

Tool to be used

- Ez Windows

References

- Ez windows
- Cohoon and Davidson
- Google

Changes We made.

- 1.No password authentication for students**
- 2.CPI calculation is not included**
- 3. Retrieval program is not included**