College information System

problem statement:

The existing system, which we are using in college is traditional process, we were using paper and pen. Admissions are increasing day by day so It is difficult.

SRS.

We maintain day to day information, updates of students and employees.
We manage information of books, question paper also helps in quick and easy access.

* educational institutions should be able to add, edit and view student personal details, like name, age, gender, email, phone no, address and so on.

* educational institutions should be able to add, edit and view student academic details, like USN, dept, semester & registered courses.

* Faculty should be able to view all student personal details and should be able to view and edit internal evaluation marks and attendance of students.

* COE office should be able to view all student details and view and edit internal and examination marks and publish results.

* placement section should be able to view all student details, and add companies coming to campus for placements.

* management section should be able to view add and edit teaching and non-teaching staff details.

* students should not be allowed to edit their personal or academic details.

* The system should be convenient and easy to use by students, management and faculty.

* The system should be reliable source of information viewing for students, COE and faculty.

② HOSTEL MANAGEMENT SYSTEM.

SRS problem Statement: The hostel management system is to provide college students accommodation more efficiently than the existing system. The existing system uses pen and paper is hard to manage hostel system.

SRS: The purpose of Hostel management system is to carry out different operations of a hostel. This system will provide ease, comfort of use to staff of hostel by performing all work on computer. It helps to manage student and Staff records.

* Admin can login using credentials provided to him.

* Admin can allot room to students

* students can login using the credential provided and can give feedback about staff.

- Admin can review the feedback provided by students.
- students can provide mess feedback.
- Mess managers can review the mess feedback
- mess manager, can update mess list.
- Admin can assign work to staff members.
- The system should be easy to handle.
- System should give expected performance results.
- The response time should be small.

③ <u>STOCK MANAGEMENT SYSTEM</u>

<u>problem statement</u> : The existing stock management system does not have more features. stocks are not shown clearly and user interface is not good.

<u>SRS</u>

The stock maintenance system will allow the employers to record information of items available in store. The new system will have a windows-based desktop interface to allow employees to enter information of sales, purchase orders, change employee preferences and create reports. The system retains information on all items in shop.

* owner has a manager who manages the inventory. The owner can order, sell stock. he can make payments, report quality issues, return stock and track order.

* The manager maintains a ledge, dos quality check and reports to own

* In inventory, we can add, remove edit and Search the inventory we can calculate the required and expired stock.

* the order details contain details of order

* The Stock can be viewed, edited, added and removed.

* The supplier tracks order details and supplies the stock and receives payment.

* A product is added, removed, modified. The details of product can be viewed.

(4) COFFEE VENDING MACHINE

problem Statement): The coffee used to get in hand by the third person. It is not good in these pandemic situation. lack of hygiene.

SRS
coffee vending machine is designed to dispense coffee in required quantity by collecting Information such as type of coffee from customer and estimating price and quantity necessary for preparation of particular type of coffee.

* controller should dispense the product, check availability of product, update product quality of the each dispense.

* The selection panel sends states of selected product.

* The coin collector should count the coins given by customer & keep touch of it.

* product dispenser should dispense the selected product.

* The price and quality of product should be maintained.

* coin dispensor should dispense remaining amount to the customer.

ONLINE SHOPPING SYSTEM

problem statement :- The local shopping system doesnot have much collections. It also has the quality issue and price issue.

SRS.

The online shopping system allows the users and vendors to exchange products remotely & reduces the amount of cost and time substantially.

The software provide following facilities to customer.

* Facilities easy shopping online anywhere with free shipping.

* provides information about products in category.

* can avail the facility of purchasing second hand products.

* Customers are provided with up to date information on the products available.

* provides email facility.

* provides backup facility.

* Can add nearly ten products to their shopping cart at a time.

The S/w will not provide the following facilities to customers:

* cannot reverse the product for more than two days.

* cannot reserve more than two products

* Responsibility of damages.

The s/w provides following facilities to merchants.

* Facilities easy bidding facility.

* provide complete information about the customers.

* provides complete information about the products.

* Can avail the facility of email correspondence.

* Can avail the brand catalog facility.

⑥ RAILWAY RESERVATION SYSTEM

problem Statement: The ticket booking in station is a lengthy process and takes time, It is a waste of time.

SRS

To develop a user-friendly Railway reservation system to enable passengers to book tickets online and make payment online as well.

Railway reservation system which provides the train timing details, reservation, billing and cancellation on various type of reservation namely

* confirm reservation for seat.
* Reservation against cancellation,
* waiting list reservation.
* online reservation,
* tatkal Reservation,

* admin can add new train and superwise the ticket booking

* Train has name and no of passengers it can carry is specified.

* Railway station has name and details of train pass through it.

* passenger can login/signup and can book ticket in particular train.

* Ticket has departure time, arrival time, Startpoint and destinationpoint on it.

* Ticket can be booked in general or tatkal quotes.

* passenger can pay the ticket price online.

(4) GRAPHICS EDITOR SYSTEM

problem statement:- The existing graphics
system has some loose polls. The API is
not good and doesnot contain new
methods.

SRS :- The graphics editor provides an
application programmer's interface that
enables a programmer to develop their own
graphical model editor for a specific
type of model. This API in turn, relies on
extending the eclipse graphical editing
framework to provide an environment
in which editor functions.

* It contains the toolbax which contains, tools
like line, circle, Rectangle, arc ete.
* color bot or palette.
* standard toolbar with options for new,
open, save toolbox and text toolbox
* one integrated view to users the toolbar,
colorbox and graphic screen.

* easy handling of tools for users.
* Ability to group several drawings into one
ie complex drawing.
* provision of zoom in and zoom out.
* Different shadings of line tool are provided.