[Online Sales and Inventory Management System for electronic store(SIMS)](https://www.classle.net/projects/project_ideas/development-online-sales-and-inventory-management-system-sims" \o "Development of an online Sales and Inventory Management System (SIMS)  )

**Title of the project**

Online Sales and Inventory Management System for electronic store(SIMS)

The main aim of developing Sales and Inventory management system for electronic store is to provide an easy way not only to automate all functionalities of a span hardware office’s, but also to provide full functional reports to top management of company with the finest of details about every aspect of Inventory ,Sales, Billing and Service details.

This project is aimed at developing an online Sales and Inventory Management System (SIMS) for a electronic store. This system can be used to store the details of the inventory, update the inventory based on the sale details, produce receipts for sales, generate sales and inventory reports periodically etc.

This is one integrated system that contains both the user component (used by salespersons, sales managers inventory managers etc) and the admin component (used by the administrators for performing admin level functions such as adding new items to the inventory, changing the price of an item etc).

**Various modules**

**Admin login:**

This module is going deal with the authorization rights related to the insertion updation deletion of the various electronic products.

**Category Module:**

In this module  of Application will stores and maintains the details of the categories by products could be differentiated so that its easier to search for the product

**Cart Module:**

This module will allow the customers to add multiple items in the cart for the purchase of multiple items so only one bill gets generated and necessacity for multiple bill gets removed

**Product Module:**

In this module  of Application will stores and maintains the details of the products along with their description and quantity etc

**Customer:**

This modules used to store and maintain the details of Customers for shipping and bill.

**Payments & Bill Maintenance:**

This modules is used to keep track all the payments done by each and every customers .

**Complaints:**

This module will handle storing  the Complaints from the Customers and also assigning complaints to Technicians and also Viewing the status of Complaints and giving Priority.

**Requirements**

**Hardware requirements**

|  |  |  |
| --- | --- | --- |
| **Number** | **Description** | **Alternatives (If available)** |
| 1 | PC with 2 GB hard-disk and 256 MB RAM | Not-Applicable |

**Software requirements**

|  |  |  |
| --- | --- | --- |
| **Number** | **Description** | **Alternatives (If available)** |
| 1 | Windows 95/98/XP/7/8 with MS-office | Not Applicable |
| 2 | Apache server | Tom cat server |
| 3 | Php,javascript,css,html | Not Applicable |
| 4 | MySQL database | Not Applicable |
| 5 | Web Browser | any |

**Tools used**

Xampp server(apache server,php 5.0,MySQL database)

Dreamweaver

**          Proposed PROJECT Progress schedule**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Number** | **Milestone Name** | **Milestone Description** | **Timeline**    Week no.  from the start  of the project | **Remarks** |
| 1 | Requirements Specification | Complete specification of the system (with appropriate assumptions) including the database design (for storing the items details). A document detailing the same should be written and a presentation on that be made. | 1-2 | Attempt should be made to add some more relevant functionalities other than those that are listed in this document.    And, attempt should be made to present an overall view of the system which makes sense for the users of the system. |
| 2 | Technology familiarization | Understanding of the technology needed to implement the project. | 3-4 | The presentation should be from the point of view of being able to apply it to the project, rather than from a theoretical perspective. |
| 3 | High-level and Detailed  Design | Listing down all possible scenarios (like searching for an item, producing a bill, cancelling a bill, notifying about items that are out of stock, adding a new user, adding a new item etc) and then coming up with flow-charts or pseudocode to handle the scenario. | 5-7 | The scenarios should map to the requirement specification (ie, for each requirement that is specified, a corresponding scenario should be there). |
| 4 | Implementation of the front-end of the system | Implementation of the main screen giving the login, screen that follows the login giving various options, screens for sales persons/ sales manager/ inventory manager and the administrator for the various functions etc. | 7-9 | During this milestone period, it would be a good idea for the team (or one person from the team) to start working on a test-plan for the entire system. This test-plan can be updated as and when new scenarios come to mind.    The test scenarios can be grouped under the respective user who would be associated with it (producing a bill, for example, can be grouped under ‘sales persons’ testcases) |
| 5 | Integrating the front-end with the database | The front-end developed in the earlier milestone will now be able to update the sales/inventory database. Other features like report generation etc should be functional at this stage. In short, the system should be ready for integration testing. | 10-12 |  |
| 6 | Integration Testing | The system should be thoroughly tested by running all the testcases written for the system (from milestone 5). | 13-14 | Another 2 weeks should be there to handle any issues found during testing of the system. After that, the final demo can be arranged. |
| 7 | Final Review | Issues found during the previous milestone are fixed and the system is ready for the final review. | 15-16 | During the final review of the project, it should be checked that all the requirements specified during milestone number 1 are fulfilled (or appropriate reasons given for not fulfilling the same) |

Address of student’s stay, with phone no if any, and distance from project associate site with mode of transport used.

*Students’s stay :*

bhimjipura char rasta, gurjar Kshatriya kadiys samaj , ,room no: 9 ,new vadaj, ,Ahmedabad(380013), ,gujarat

*Project site:*

1/1 ,gurjar flats , bhimjipura road, new vadaj, Ahmedabad,-(380013) Gujarat.

*Distance from project site:* walking distance