**Executive summary:**

In general term, project means a carefully planned piece of work that has a particular purpose in practical field. In order to meet the definition of the project, we have chosen the topic on “the billing system of departmental store”. A departmental store is a retail establishment which specializes in satisfying a wide range of durable goods and products to the consumer personal and residential needs and at the same time offering the consumer a choice of multiple goods lines, at variable price.

At the present moment, there are many businesslike: shopping business trading business, service business, etc. in the global world. They are small business to large business. On the behalf of us, we select this project in order to make the departmental store transaction easy and faster than the past year. Similarly, to make our project meaningful, our team members have put equal contribution on researching and collecting materials for the project. So we think that our project will help all the departmental stores members efficient while recording the various products.

**Problem statement:**

There arises problem in business if there is manual billing system. Some of the problems faced by departmental stores are listed below:

* It consumes more time and is tedious.
* There is inefficient in product handling.
* It needs more manpower in operation.
* It is difficult to search the products.

**Project objectives:**

While going through the different Departmental Stores of the city, we found most of them are using manual billing system. This will give rise to lots of mistakes. Traditional methods should be replaced by newly improved billing system. Therefore, our software will help them to work efficiently.

The following are the main objectives of our project work:

* To make Departmental stores systematic.
* To introduce a new technology in Departmental Stores.
* To manage the time and work efficiently.

**Project implementation:**

This software is first installed into a computer of particular Departmental Store. After it is installed, the software functions as follows under the instruction of the user:

* Input the products name.
* Take the products name, amount, quantities, and discount, VAT amount if any.

**Management Plan:**

The development of the program we are going to manager is in the waterfall model. The management plan on project is shown below:

Requirement and Analysis

Design

Testing and Debugging

Coding

Implementation

Fig: waterfall model

So, for the program development we are using following platform .They are:

* Borland c++
* C free

C++**Project Schedule:**

Here is a brief overview of time allocated for the phases that is required to complete this Project.

|  |  |  |  |
| --- | --- | --- | --- |
| Task Name | Duration | Start | Finish |
| Requirement and Analysis | 7 | 12 August 2013 | 18 August 2013 |
| Design | 14 | 19 August 2013 | 01 September 2013 |
| Coding | 31 | 02 September 2013 | 02 October 2013 |
| Testing and Debugging | 8 | 03 October 2013 | 10 October 2013 |
| Implementation | 8 | 11 October | 18 October 2013 |

**References:**

* <http://www.google.com>
* <http://www.wikipedia.com>
* Programming in C.
* Let us C.