A PROJECT REPORT ON

"GROCERY STORE MANAGEMENT SYSTEM"

DEPARTMENT OF COMPUTER APPLICATION

NANDA NATH SAIKIA COLLEGE

TITABAR -785630

ASSAM

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UNDER THE GUIDANCE OF

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ACKNOWLEDGEMENT

We sincerely take the opportunity to express our heartfelt thanks and gratitude to all those who extended their wholehearted co-operations, opinions and gracious hospitality to us in completing the project work successfully.

We would like to acknowledge our gratitude towards our teachers at **Nanda Nath Saikia College** under the egis of **Dibrugarh University** ,for their understanding provision of sound counsel and precious guidance. Finally ,we wish to thank our friends for their support.

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CERTIFICATE OF EXAMINATION

This is to certify that the project work "**Grocery Store Management System**" jointly submitted SHRUTI HAZARIKA, SAPTASIKHA BARIK, MOMITA TANTI for the 2nd semester of **PGDCA** course is a bonafide project work carried out by them under my supervision .

I wish them all success in future.

Thanks,

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Deptt. of Computer Science
N.N. Saikia College

MR. NILOTTAM PODDAR

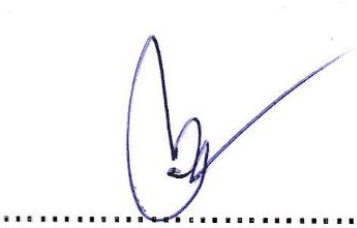
H.O.D

Department of Computer Application

N.N. Saikia College, Titabar

CERTIFICATE OF EXAMINATION

This is to certify that MOMITA TANTI, SHRUTI HAZARIKA, SAPTASIKHA BARIK, 2nd Semester students of PGDCA discipline of **N.N. Saikia College, Titabar** have successfully submitted their project on "**Grocery Store Management System**" that was completed under the guidance of Mr. Nilottam Poddar and Mr. Pranjal Borah.



.....

Signature of External

PBorah

.....

Signature of Internal

DECLARATION

We , MOMITA TANTI, SHRUTI HAZARIKA, SAPTASIKHA BARIK hereby declare that the project work entitled "**Grocery Store Management System**" is an authentic work carried out by us for the partial fulfillment of , 2nd semester of PGDCA of Dibrugarh University. This report has not been anywhere else for the award of any degree or diploma.

MOMITA TANTI	**SAPTASIKHA BARIK**	SHRUTI HAZARIKA
Roll No. 27220021	**Roll No. 27220029**	**Roll No. 27220031**

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1.TITLE OF THE PROJECT:

THE PROJECT IS ENTITLED BY "GROCERYSTORE MANAGEMENT"

2.PROJECT DEFINATION:

A grocery store shop is a retail shop that primarily sells food. A grocer is a bulk seller of food. Grocery stores also offer non-perishable foods that are packaged n bottles, boxes, and cans; some also have bakeries, butchers, delis, and fresh produce.

3.OBJECTIVES:

Some of the objectives are as follow:-

- Continued investment in maintaining the health of our categories and our leadership share position
- Category management
- Vendor management inventory
- Targeted managed
- New label graphics across all Dell Monte branded fruit and canned tomato products
- New club packaging

4.TOOLS USED IN THE PROJECT:

Operating system used-windows 7

IDE USED : Dreamweaver

Express edition

SERVER USED :Wamp Server

Database used : phpMyAdmin

About PHP

Hypertext preprocessor is a server-side scripting language designed for web development but also used as a general-purpose programming language. It was originally created by Rasmus Lerdrof in 1994, the PHP reference implementation in now produced by the PHP group. PHP originally stood for personal home page but it now stands for the recursive acronym PHP. Hypertext preprocessor.PHP code may be embedded into HTML code or it can be used in combination with various web template system, web content management system and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server pr as a common Gateway interface executable. The web server combines the results of the interpreted and executed PHP code, Which may be any type of data, including images , with the generated web pafe.PHP code may also be executed with a commands-line interface(CU) and can be used to implement stand alone graphical applications.

5. DFD(DATA FLOW DIAGRAM):

A Data Flow Diagram (DFD) is traditional visual representation of the information flows within a system. A neat and clear DFD can depict a good amount of the system requirements graphically. It can be manual, automated, or combination of both.

It shows how information enters and leaves the system, what changes the information and where information is stored. The purpose of a DFD is to show the scope and boundaries of a system as a whole. It may be used as a communications tool between a systems analyst and any person who plays a part in the system that acts as the starting point for redesigning a system.

It is usually beginning with a context diagram as the level 0 of DFD diagram, a simple representation of the whole system. To elaborate further from that, we drill down to a level 1 diagram with lower level functions decomposed from the major functions of the system. This could continue to evolve to become a level 2 diagram when further analysis is required. Progression to level 3, 4 and so on is possible but anything beyond level 3 is not very common. Please bear in mind that the level of details for decomposing particular function really depending on the complexity that function.

6. DATA DICTIONARY :

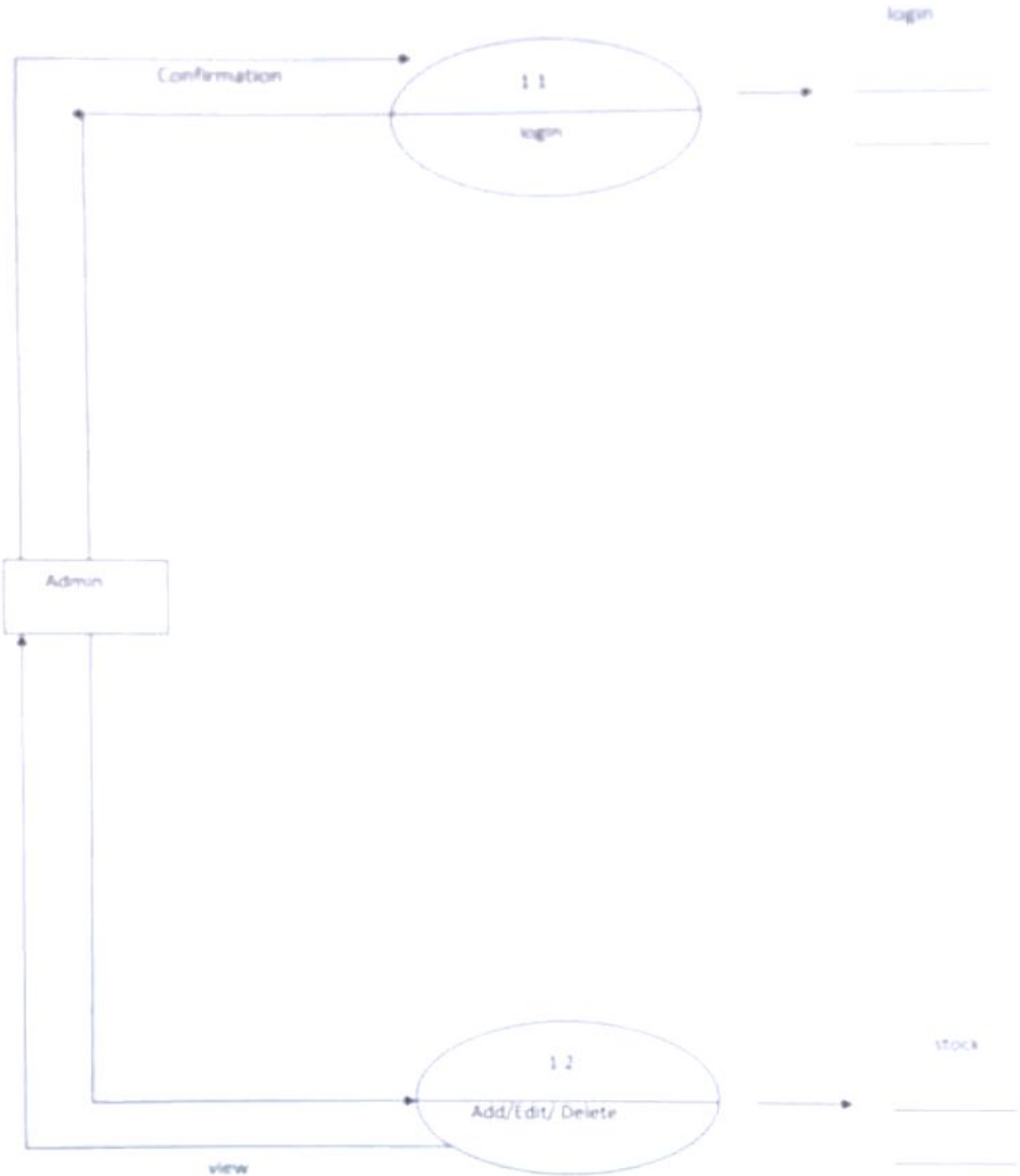
ADMIN :

SL.NO	FIELD NAME	DESCROPTION	KEY
1	User	User name of the admin	
2	Password	Password of the admin	

STOCK :

1	pid	id no. of stock	Primary Key
2	pname	Product name of the stock	
3	qty	Quantity of the stock	
4	supp	Supplier name of the stock	
5	type	Type of the stock	
6	ppkg	Price Per Kg of the stock	

Level for Admin



The following diagrams illustrate notation and symbols used to construct DFD:-

A source (originator) or destination of system

The user

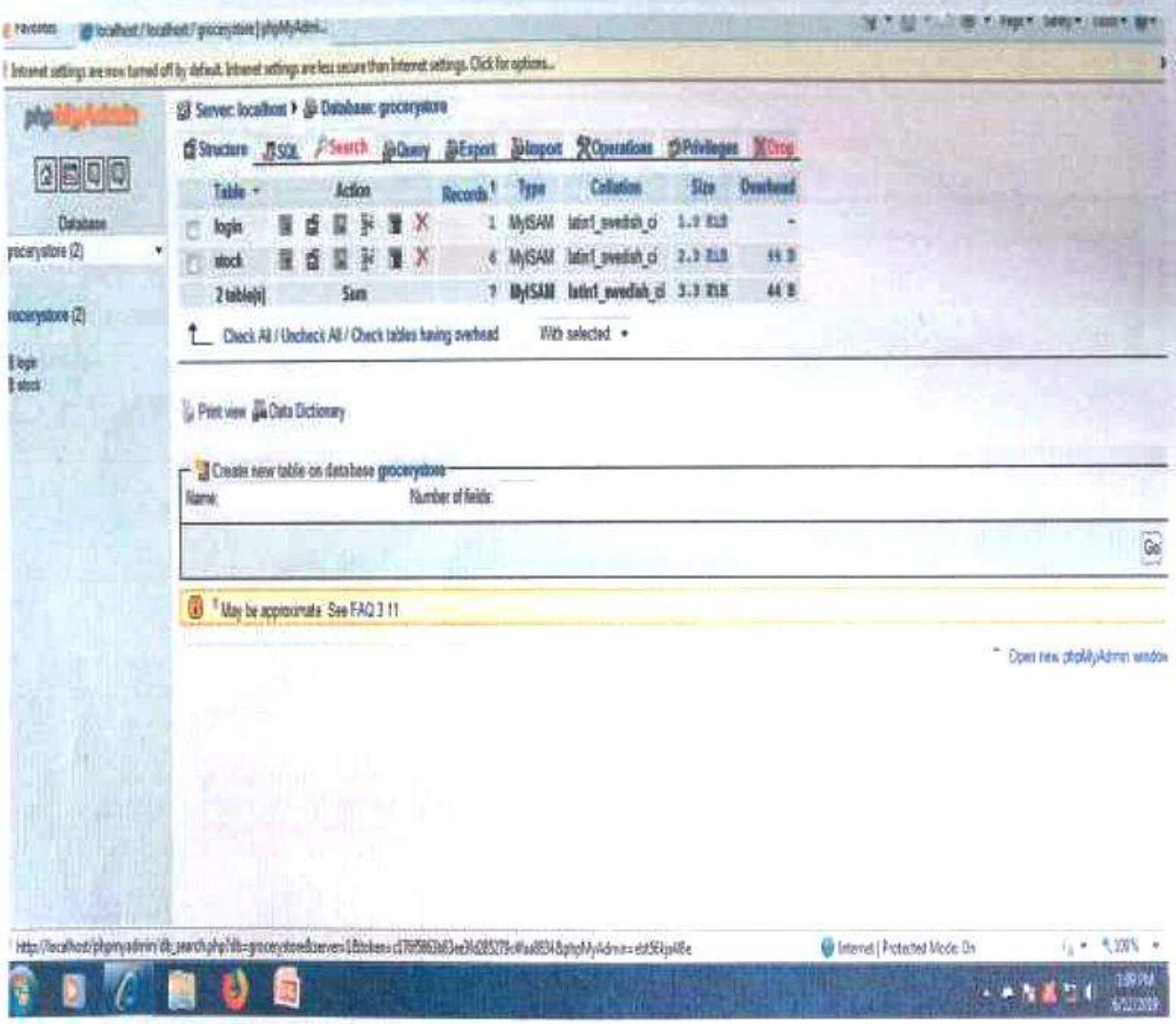
A process

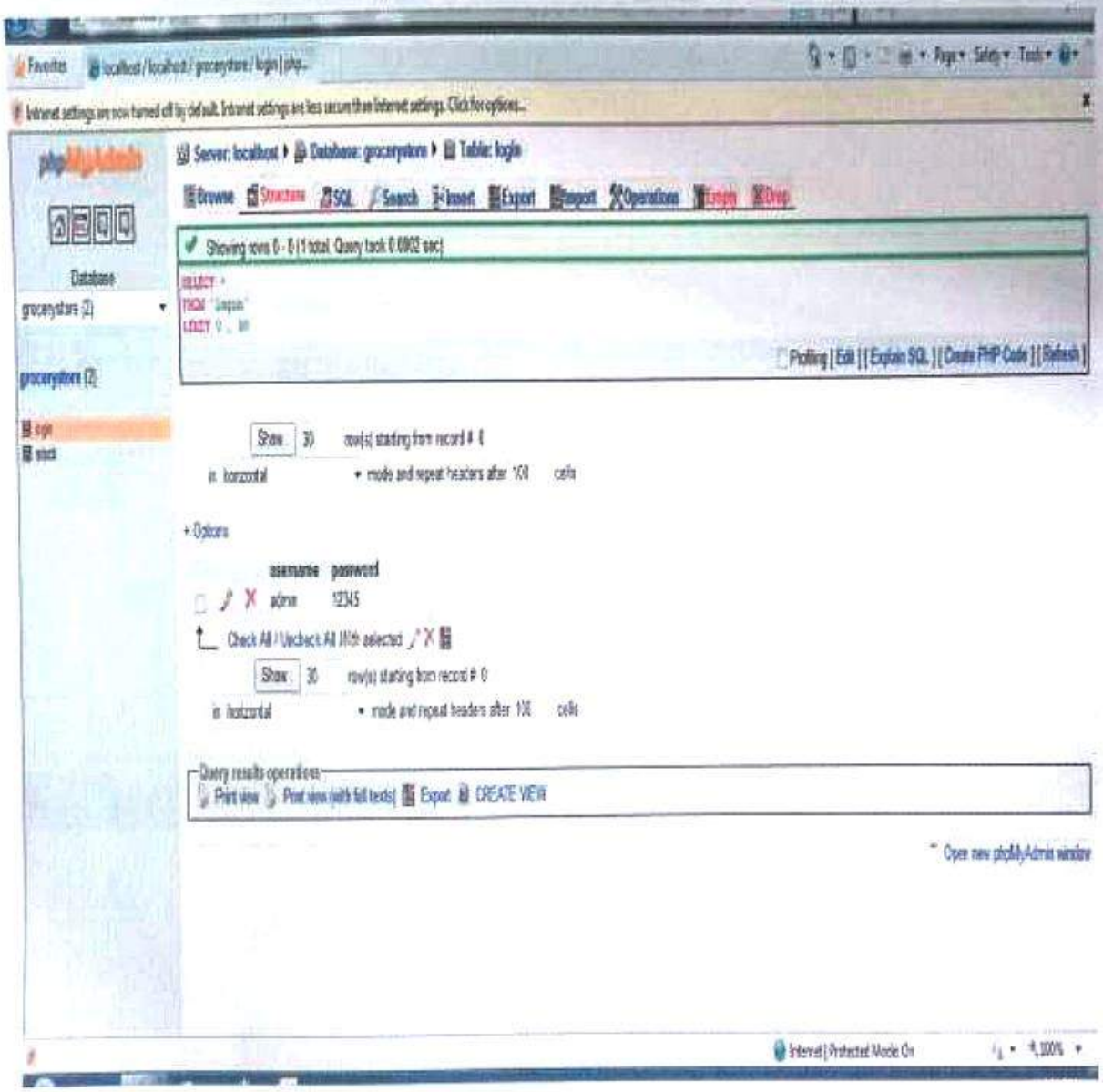
Data flow

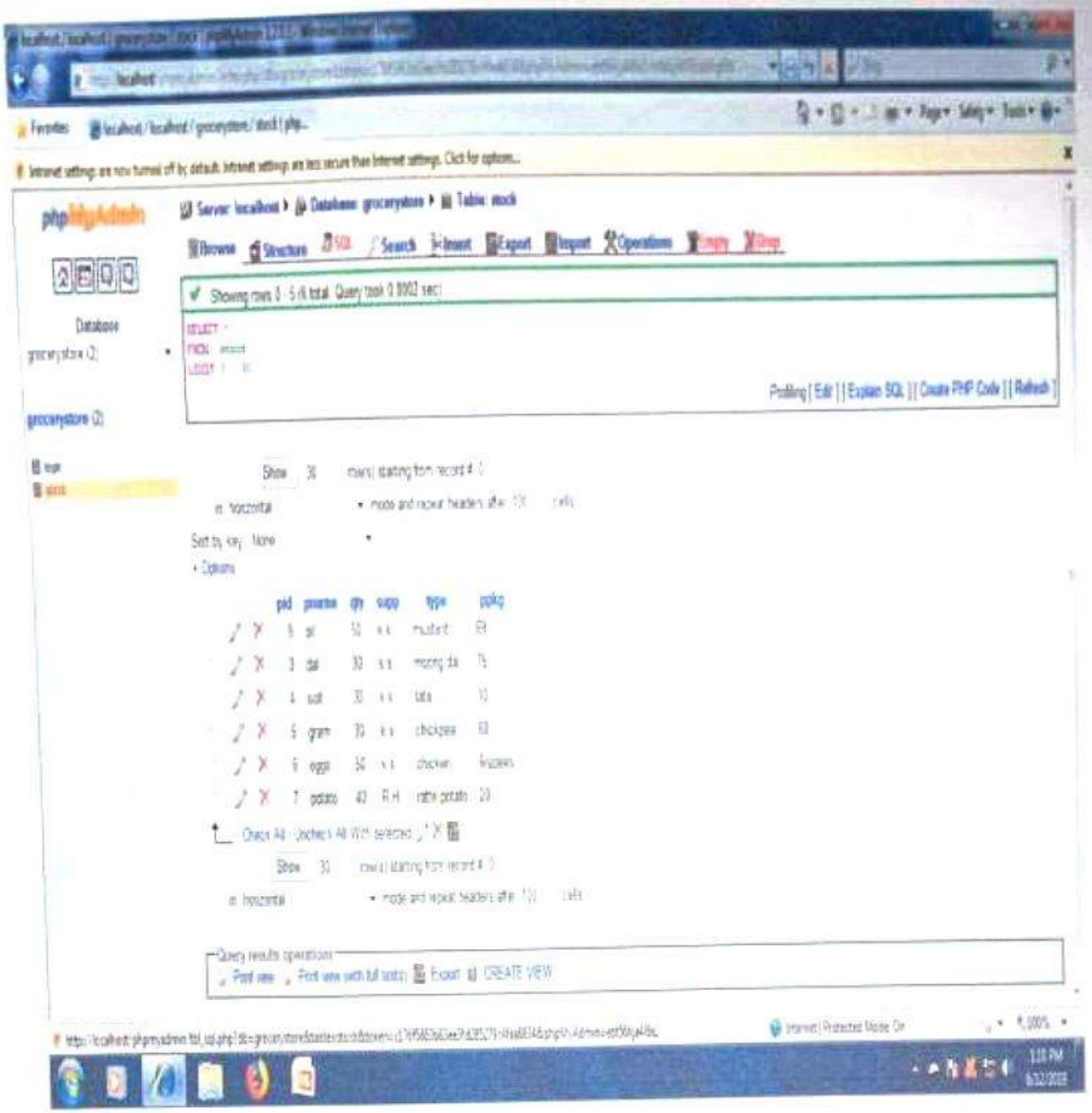
Data storage

Report or Output from the system

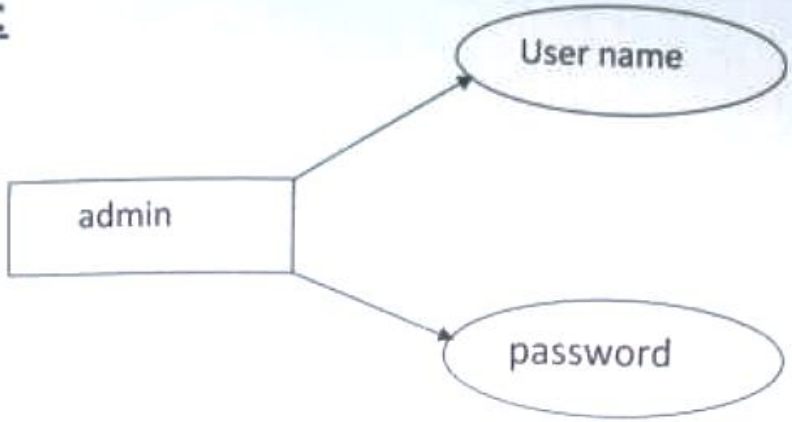
DATABASE DESIGN:

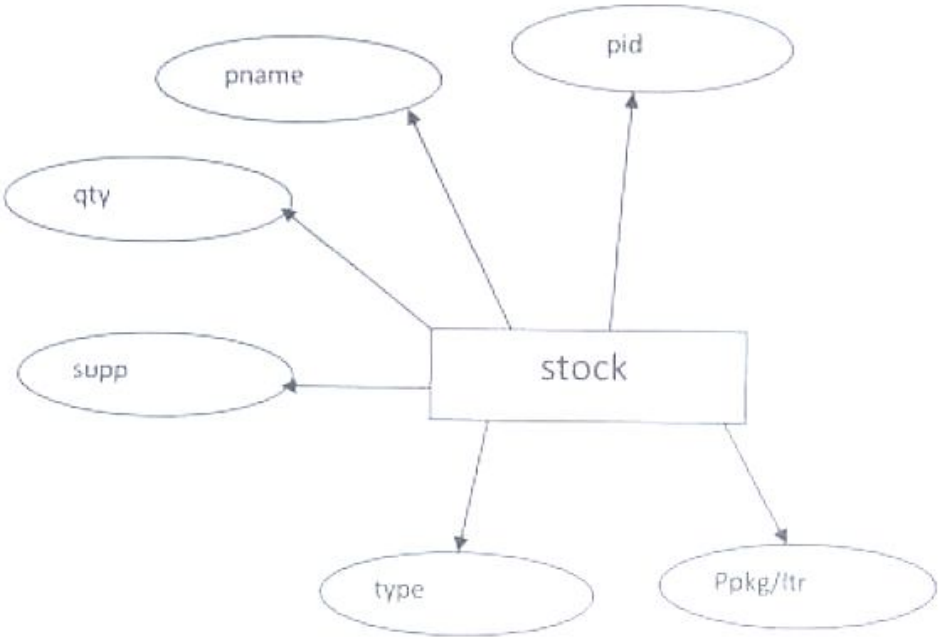



Server: localhost ▸ Database: grocerystore ▸ Table: login
Browse
Structure
SQL
Search
Insert
Export
Import
Operations
Empty
Drop
Showing rows 0 - 0 (1 total, Query took 0.0002 sec)
SELECT *
FROM `login`
LIMIT 0 , 30
Profiling [Edit] [Explain SQL] [Create PHP Code] [Refresh]
Show : 30 row(s) starting from record # 0
in horizontal mode and repeat headers after 100 cells
+ Options
username password
admin 12345
Check All / Uncheck All With selected:
Query results operations
Print view
Print view (with full texts)
Export
CREATE VIEW
Open new phpMyAdmin window

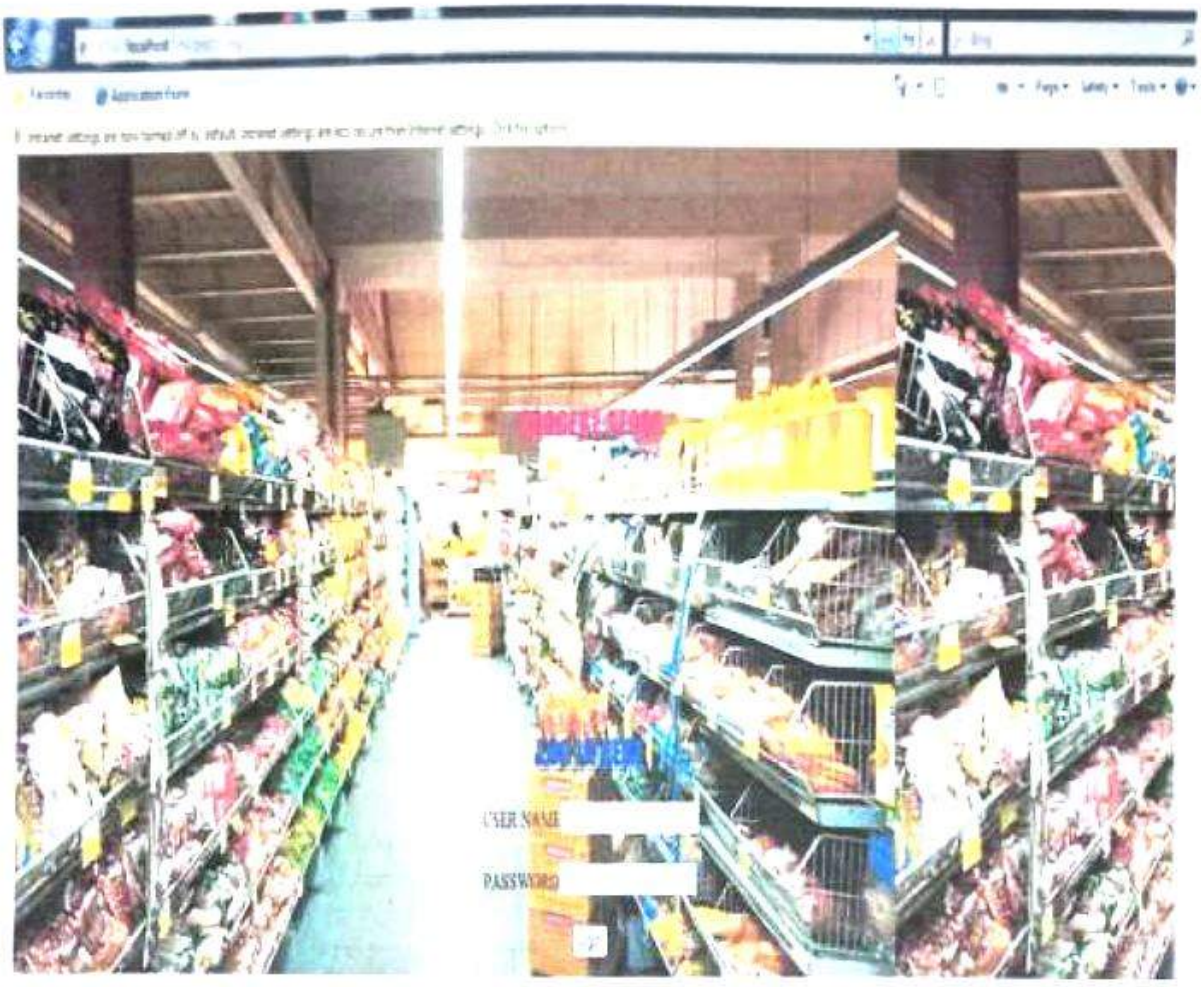

Server: localhost
Database: grocerystore
Table: stock
Browse
Structure
SQL
Search
Insert
Export
Import
Operations
Empty
Drop
Showing rows 0 - 5 (6 total. Query took 0.0002 sec)
Profiling [Edit] [Explain SQL] [Create PHP Code] [Refresh]
Database
grocerystore (2)
Show 30 row(s) starting from record # 0
in horizontal
mode and repeat headers after 100 cells
Sort by key: None
+ Options
pid
pname
qty
supp
type
ppkg
Check All / Uncheck All With selected
Query results operations
Print view
Print view (with full texts)
Export
CREATE VIEW

ER Diagram:

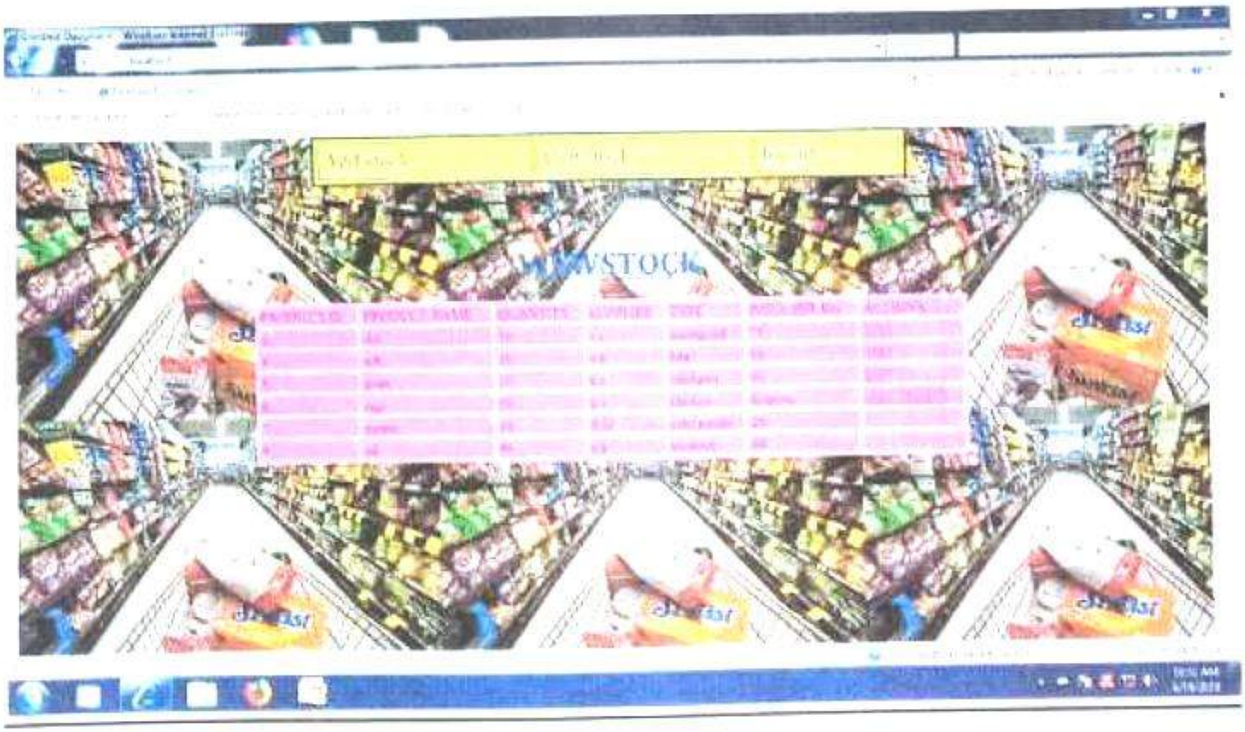

User name
admin
password


pid
pname
qty
supp
stock
type
Ppkg/ltr

LOGICAL DESIGN:



Add stock
View stock
Product Name
Quantity
Supplier
Type
Price Per kg/LTR


VIEW STOCK

CONCLUSION

The project is based on the requirement specification of the user and the analysis of the existing system, with flexibility for future enhancement.

The expanded functionality of today's software requires an appropriate approach towards software development. Finally, in grocery management we have a system where users order the item according to the wish given by the filters he chooses and specify the no. Of it and makes the payment; he gets the order as staff picks out the items from the racks and give to the user.

Identification of the drawbacks of the existing system leads to the designing of the computerized system that will be compatible to the existing system with the system which is more user friendly and more GUI oriented.

With very limited knowledge and on a very period of time, it is really not very easy to work out complete and perfect software. Though we have tried to best improve the quality of the software, there may be some limitations and drawbacks in it.

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