CHAPTER 1

Introduction

This Courier Management System Project will have different modules. The login section will have login facility for the admin and for the user who will operate this system. While taking orders from its customers, it will take all the details of its customers who is placing the orders and all the details for the recipient such as its address, name, mobile number. During billing process system will generate a tracking id for their products. Through this tracking id, customers or its recipient will able to track their products from any location using internet. It will provide status of the product after placing orders within 1 minute.

The courier service is one of the solutions of these problems. It is used to send some things to any person in the world within time. The courier company has number of branches, which are spread over the country or the world. So that when person wants to send things then he has to contact at nearest courier service branch. The courier company creates the schedule & gives internal/external services. The courier service work as destination office or source office.

In modern age, as time increase, needs & requirements of the person are also increased. They want more facility & try to do their task quickly & within time. But they can not get all the things at nearest market or area, so they have to import the things from any place in the world. Within the country, the things can be imported through post service. But it consumes the time & sometimes problem of damage or missing occur. Where as in the international market, the one way is shipping. But it also requires more time.

Motivation behind this project:

To gain maximum business region, customer demands good service. So to make more profit and gain maximum business region, their administration must also have a system to tackle all these problems on time. Its administration can take immediate orders and provide a receipt which will include all the details of the products along with appropriate price to their customers. Thus saving time and eliminating line making process.

Features of Purposed System:

These are the important features of the project Courier Management System:

- In computer system of the courier service computation of the rate is easily & quickly done.
- Computer system of the courier service provide fast access.
- Using this computerized system, bill issued procedure becomes fast.
- In computer system the person has to fill the various forms & number of copies of the forms can be easily generated at a time.
- In computer system, it is not necessary to create the Manifest but we can directly print it, which saves our time.
- It contain better storage capacity.
- Accuracy in work.
- Easy & fast retrieval of information.
- Well designed reports.
- Decrease the load of the person involve in existing manual system.
- Access of any information individually.
- Work becomes very speedy.

CHAPTER 2

REQUIREMENTS

Software Requirement:

- Apache Server 2.0
- PHP Version 5.3 or above
- MySQL Version 5.5 or above
- Latest browser : Chrome, Firefox, etc
- Operating System : Windows

Hardware Requirement:

- Processor Pentium IV or higher version.
- Ram 128 MB or above
- Hard Disk 150 MB or above

CHAPTER 3

ENTITY RELATIONSHIP DIAGRAM

An **Entity–relationship model (ER model)** describes the structure of a database with the help of a diagram, which is known as **Entity Relationship Diagram (ER Diagram)**. An ER model is a design or blueprint of a database that can later be implemented as a database. The main components of E-R model are: entity set and relationship set.

What is an Entity Relationship Diagram (ER Diagram)?

An ER diagram shows the relationship among entity sets. An entity set is a group of similar entities and these entities can have attributes. In terms of DBMS, an entity is a table or attribute of a table in database, so by showing relationship among tables and their attributes, ER diagram shows the complete logical structure of a database.

The geometric shapes and their meaning in an E-R Diagram. We will discuss these terms in detail in the next section(Components of a ER Diagram) of this guide so don't worry too much about these terms now, just go through them once.

Rectangle: Represents Entity sets.

Ellipses: Attributes

Diamonds: Relationship Set

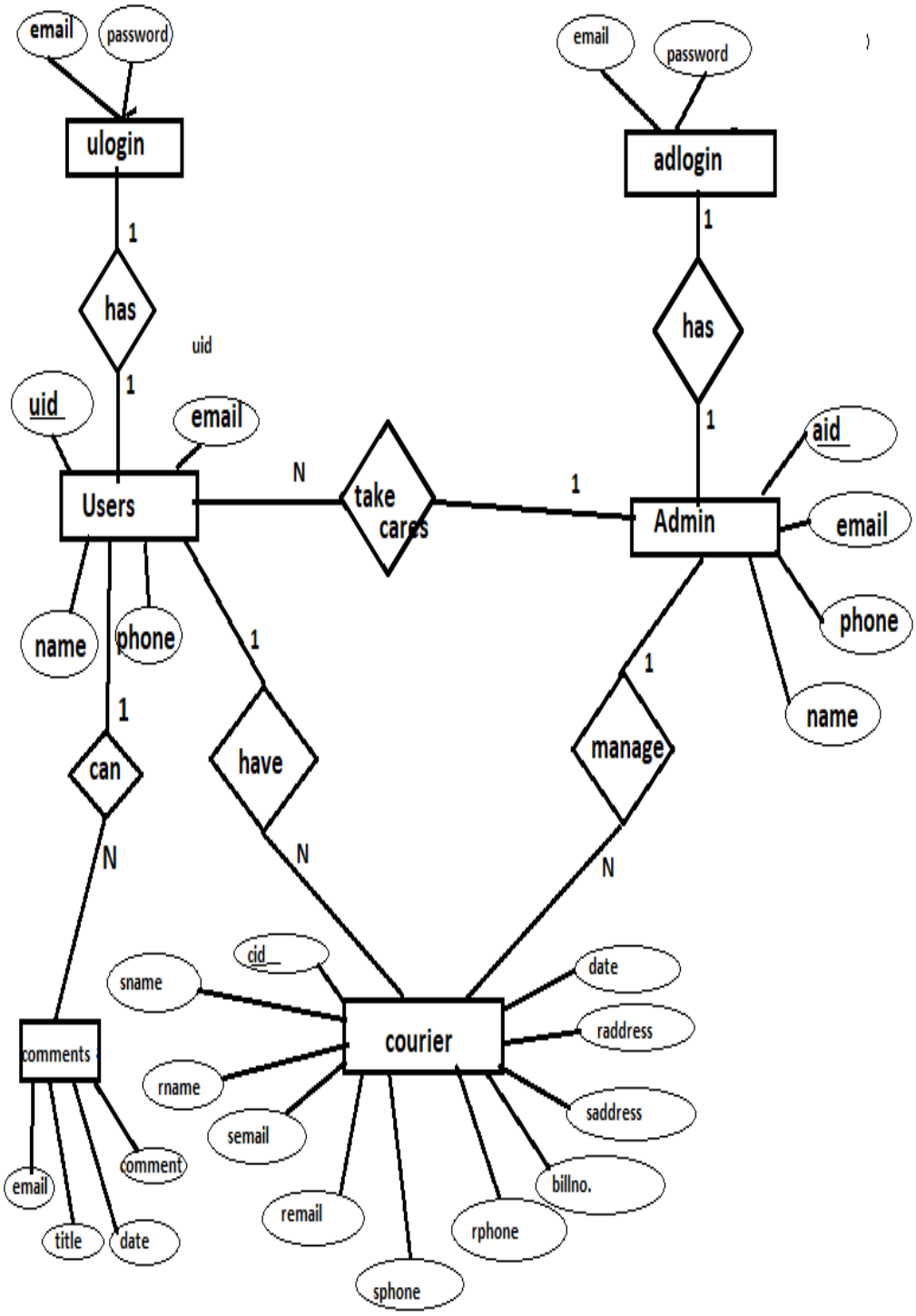
Lines: They link attributes to Entity Sets and Entity sets to Relationship Set

Double Ellipses: Multivalued Attributes

Dashed Ellipses: Derived Attributes

Double Rectangles: Weak Entity Sets

ER DIAGRAM


email
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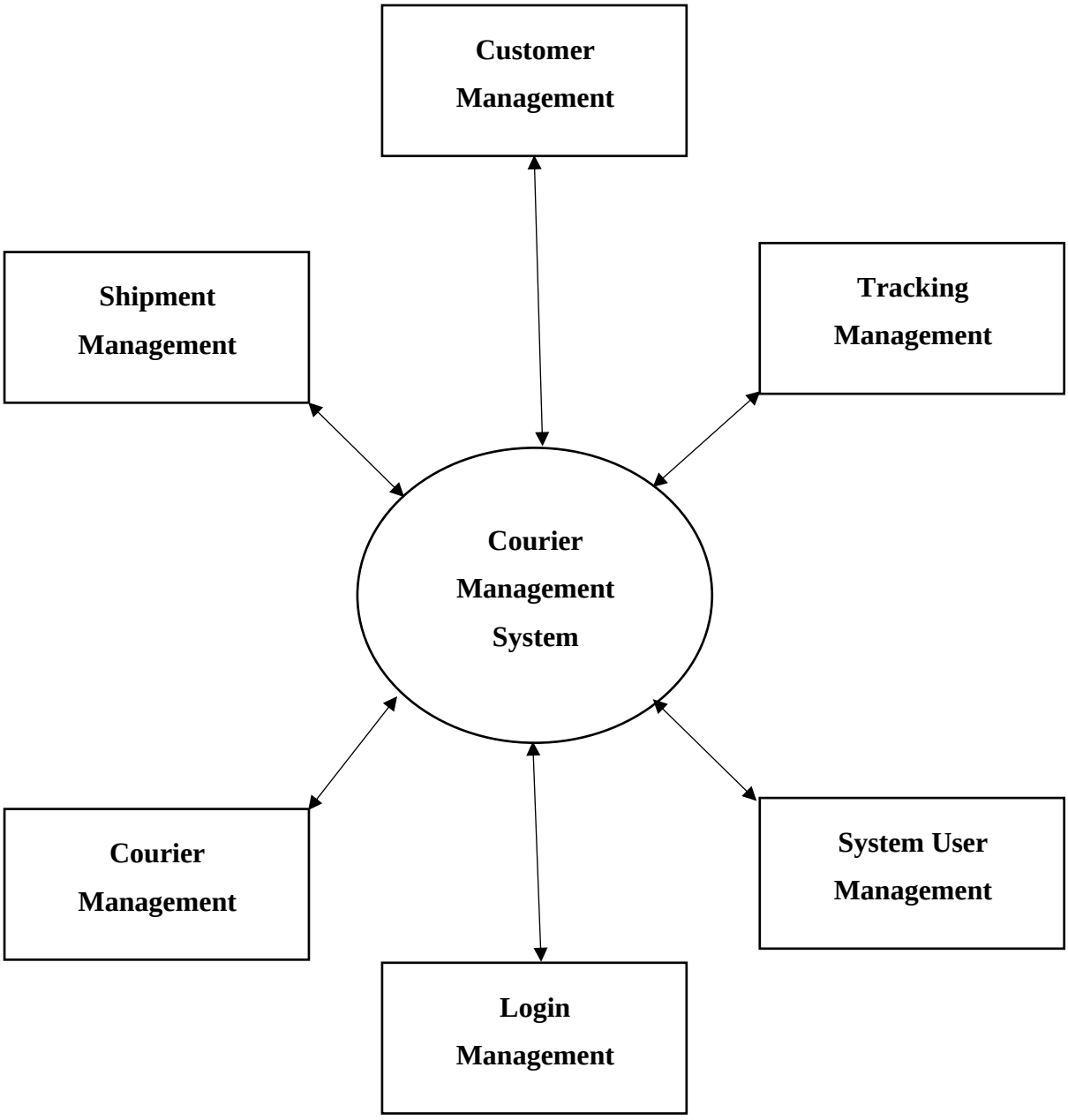
SYSTEM DESIGN



CHAPTER 4

ENTITY RELATIONSHIP SCHEMA DIAGRAM

A database schema is the skeleton structure that represents the logical view of the entire database. It defines how the data is organized and how the relations among them are associated. It formulates all the constraints that are to be applied on the data.

A database schema defines its entities and the relationship among them. It contains a descriptive detail of the database, which can be depicted by means of schema diagrams.

An Entity-Relationship Model (ERM) is an abstract and conceptual representation of data. Entity-relationship modelling is a database modelling method, used to produce a type of conceptual schema or semantic data model of a system, often a relational database, and its requirements in a top-down fashion.

In order to create an ER schema you must know three main concepts: entity, attribute and relationship.

Entity

Entity is the central concept of the Entity-Relationship model. An entity represents a description of the common features of set of objects of the real world. Examples of entities are Person, Car, Artist, and Album.

Attribute

An Attribute represents the properties of real world objects that are relevant for the application purposes Attributes are associated with the concept of Entity, with the meaning that all the instances of the entity are characterized by the same set of attributes. In other words, the entity is a descriptor of the common properties of a set of objects, and such properties are expressed as attributes.

Relationship

A Relationship represents semantic connections between entities, like the association between an artist and his/her album, or between an artist and his/her reviews.

The possible values are one and many. Based on their maximum cardinality constraints, relationships are called

E-R Schema Normalization

E-R includes some concept that are not minimal but which can be specified through the usage of the three main concepts of the ER Schema. These concepts are:

- Multi value attributes.

  Attributes of an object that can take a set of values represented by an entity and a relationship

- Composed attributes.

  Attributes with an internal structure (i.e. an address can include different fields), represented by using an entity and a relationship

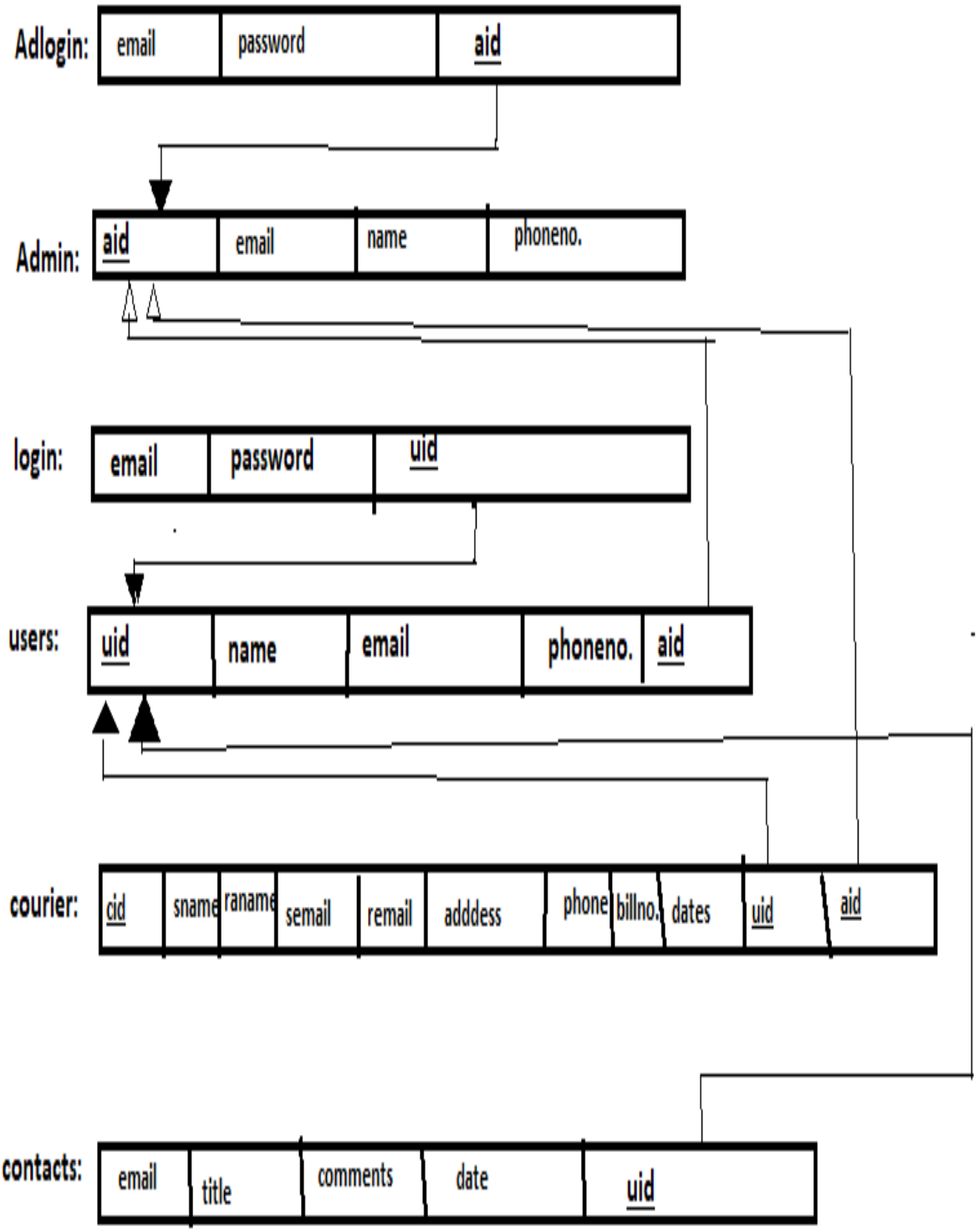
- N-ary relationships.

  Represented by a central entity and two reports

- Relationships with attributes.

  Relationships involving N entities

ER SCHEMA DIAGRAM FOR COURIER MANAGEMENT SYSTEM



CHAPTER 5

IMPLEMENTATION

4.1 LANGUAGE USED

4.1.1 PHP

Hypertext pre-processor (or simple PHP) is a server side scripting language designed for web development and also used as a general-purpose programming language. It now stands personal home page PHP: Hypertext pre-processor.

PHP code may be embedded into HTML code, or it can be used in combination with various web templates system, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a common gateway (CGI) executable. The web server combines the result of the generated web page. PHP code may also be executed with a command-line interface(CLI) and can be used to implement standalone graphical applications.

4.2 PLATFORM

4.2.1 WINDOWS

Windows is a series of operating systems developed by Microsoft. Each version of windows includes a graphical user interface, with a desktop that allows users to view files and folders in windows. For the past two decades, Windows has been the most widely used operating system for personal computers PCs.

4.2.2 XAMPP

X-Cross-platform enable us the use on different types of computer or with different software packages.

A-Apache is open-source cross-platform web server software that allows website owners to serve content on the web and hence the name Apache "web server".

M – MariaDB is a community-developed fork of the MYSQL relational database management system. MYSQL is an Oracle-backed open source relational database management system (RDBMS) based on structured Query Language (SQL).

P-PHP stands for Hypertext Pre-Processor (the acronym doesn't follow the name), is an open source, server-side, scripting language used for the development of web-applications.

P- Perl is a programming language designed for processing text, also became most popular for writing CGI scripts

4.3 TRIGGERS

MYSQL trigger is a named database object which is associates with a table and it activates when a particular event (e.g.: an update, insert or delete) occurs for the table.

CREATE TRIGGER create new trigger in MYSQL. Also learn tools to create MYSQL triggers, example on AFTER INSERT, BEFORE INSERT,AFTER UPDATE, AFTER DELETE triggers.

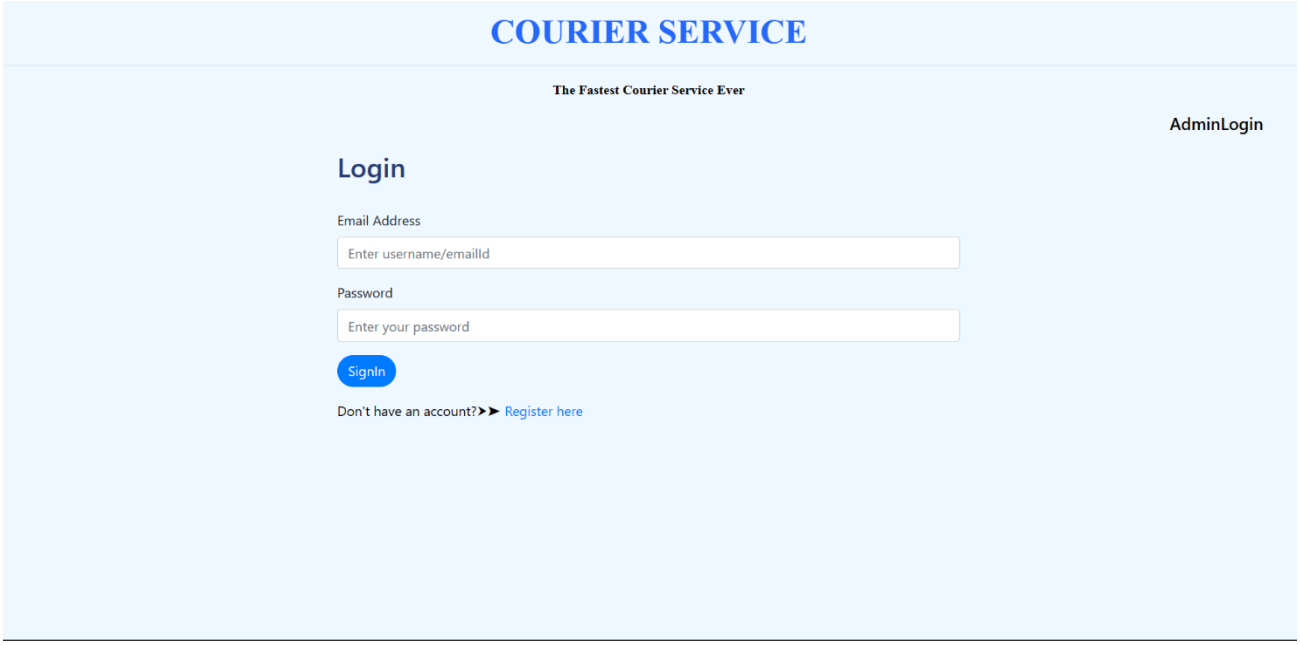
4.4 STORED PROCEDURE

Stored procedure is a procedure in SQL stored in a database which can be called by database engine and connected programs. Stored procedures may return result sets that are the results of a SELECT statement. Such result sets can be processed using cursors, by other stored procedures, by associating a result-set locater, or by application. Stored procedures may also contain declare variables for processing data and cursors that allow it to loop through multiple rows in a table.

CHAPTER 6

SNAPSHOTS

1.USER LOGIN PAGE

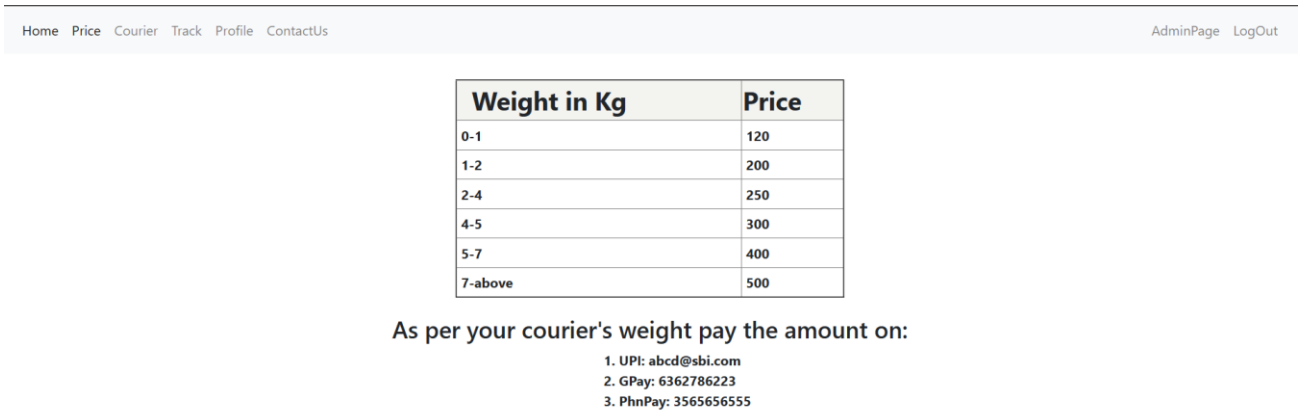


2. HOME PAGE

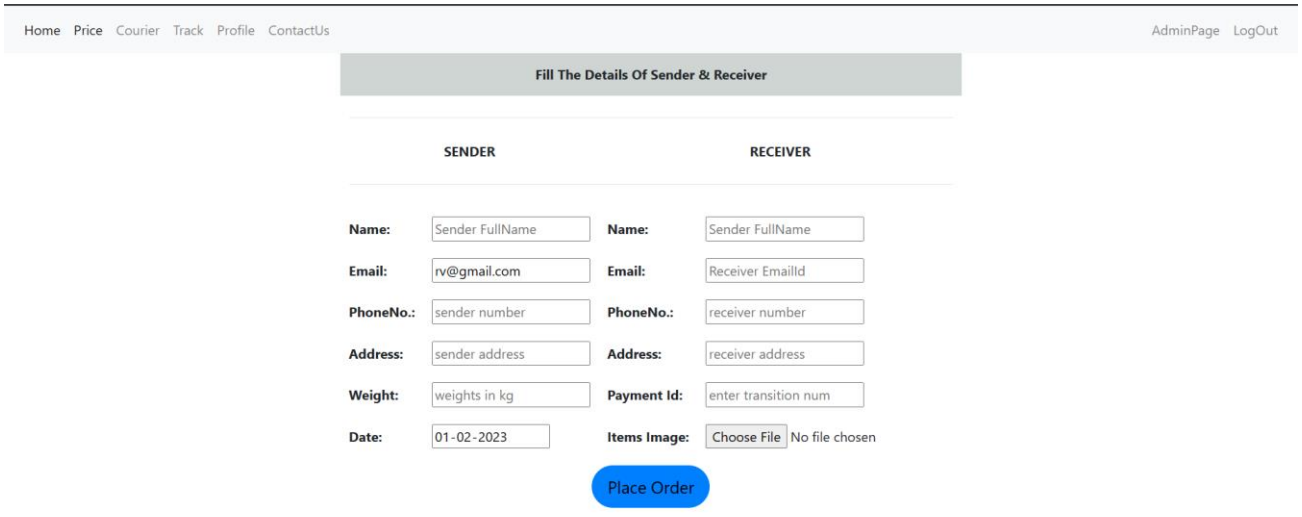
Courier Management Service

The fastest courier service of India

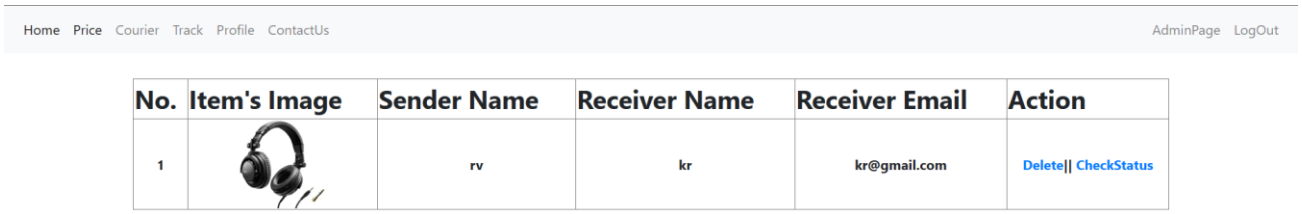
3. PRICING OF COURIER



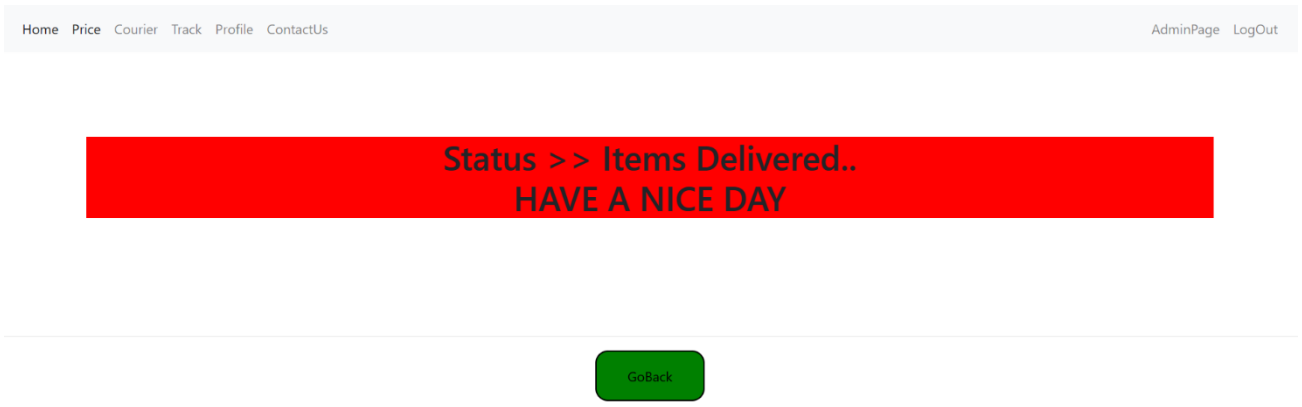
4. COURIER SENDING PAGE



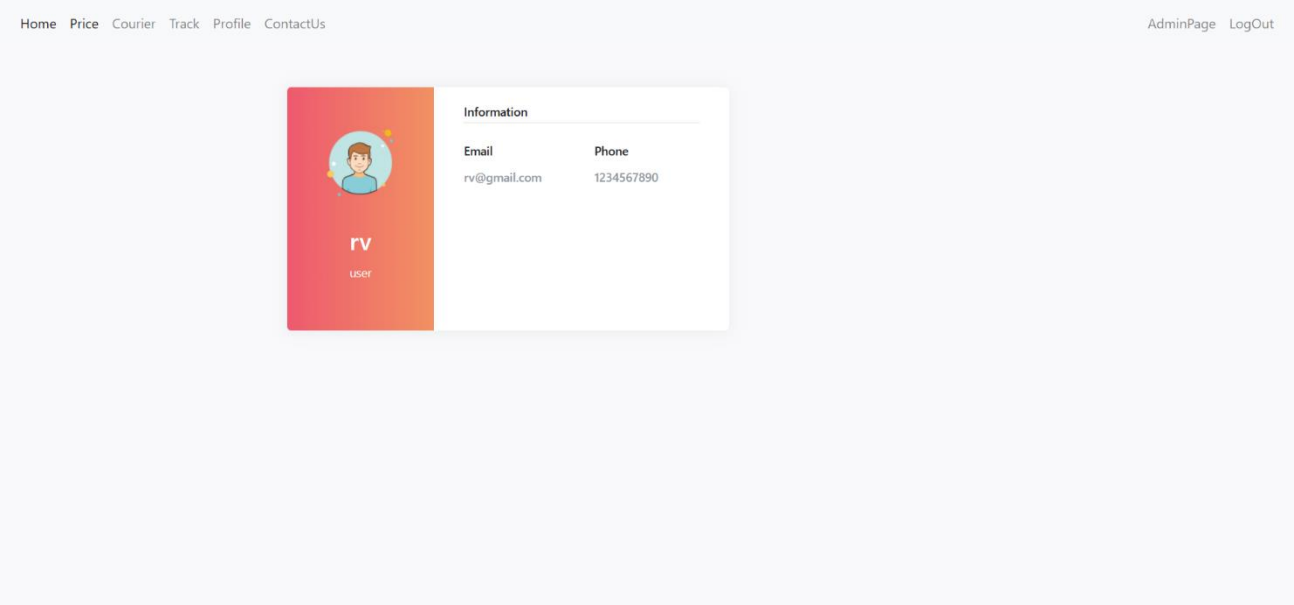
5. TRACK CONSIGNMENT PAGE



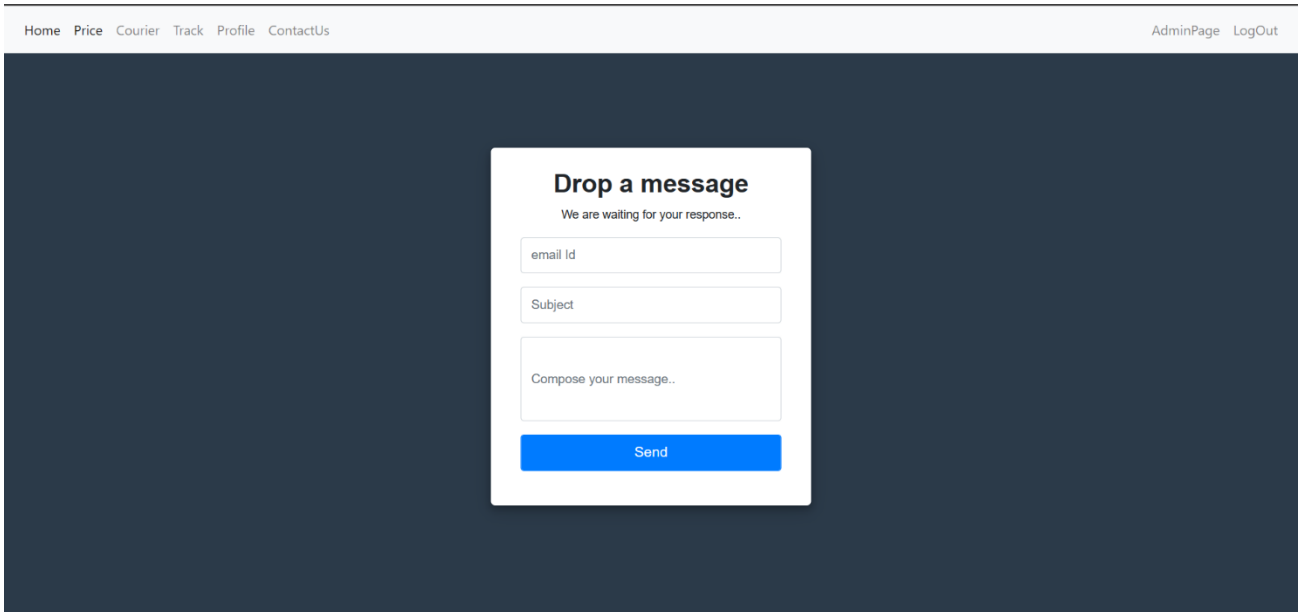
6. TRACK STATUS OF PARCEL



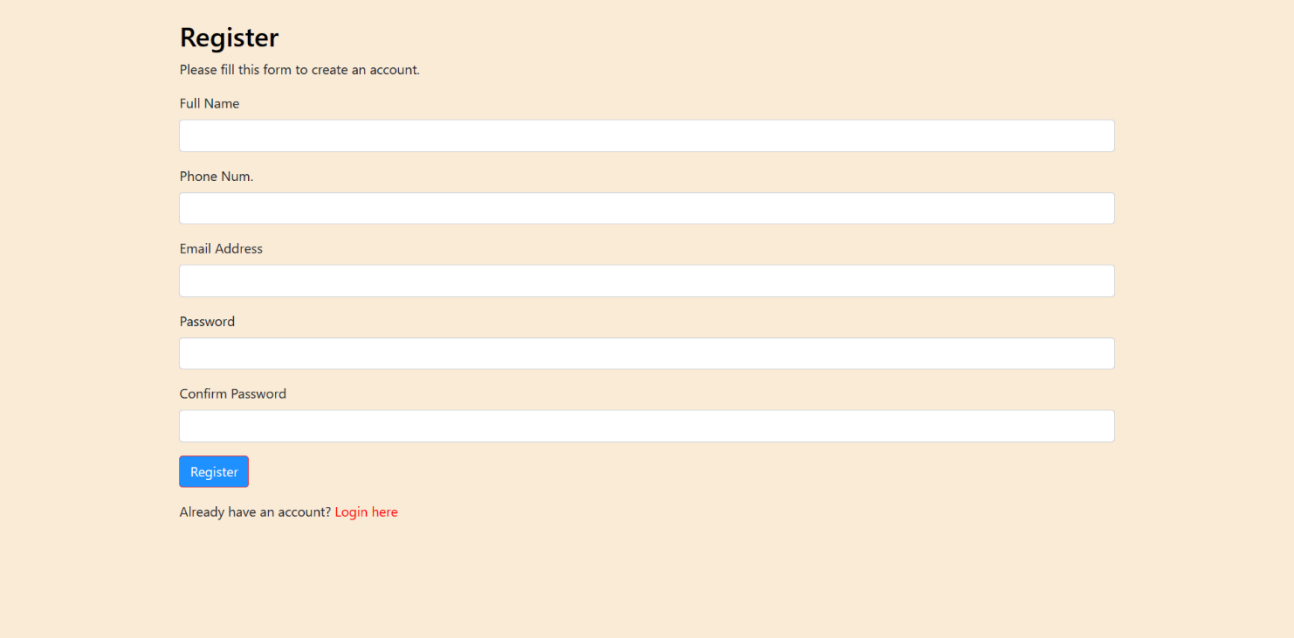
7. PROFILE VIEW SECTION



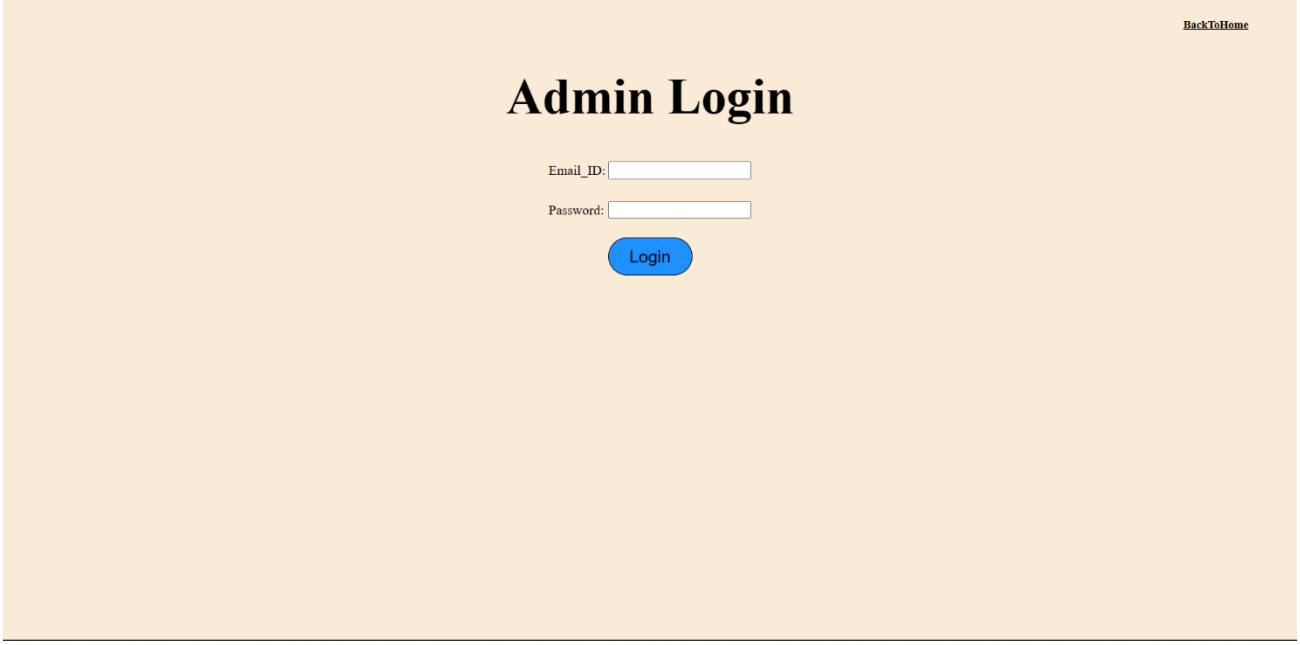
8. CONTACT US SECTION



9. REGISTER NEW USERS PAGE



10. ADMIN LOGIN PAGE



11. ADMIN PAGE

LoginAsUser | Welcome To Admin Dashbord | LogOut

Delete Data

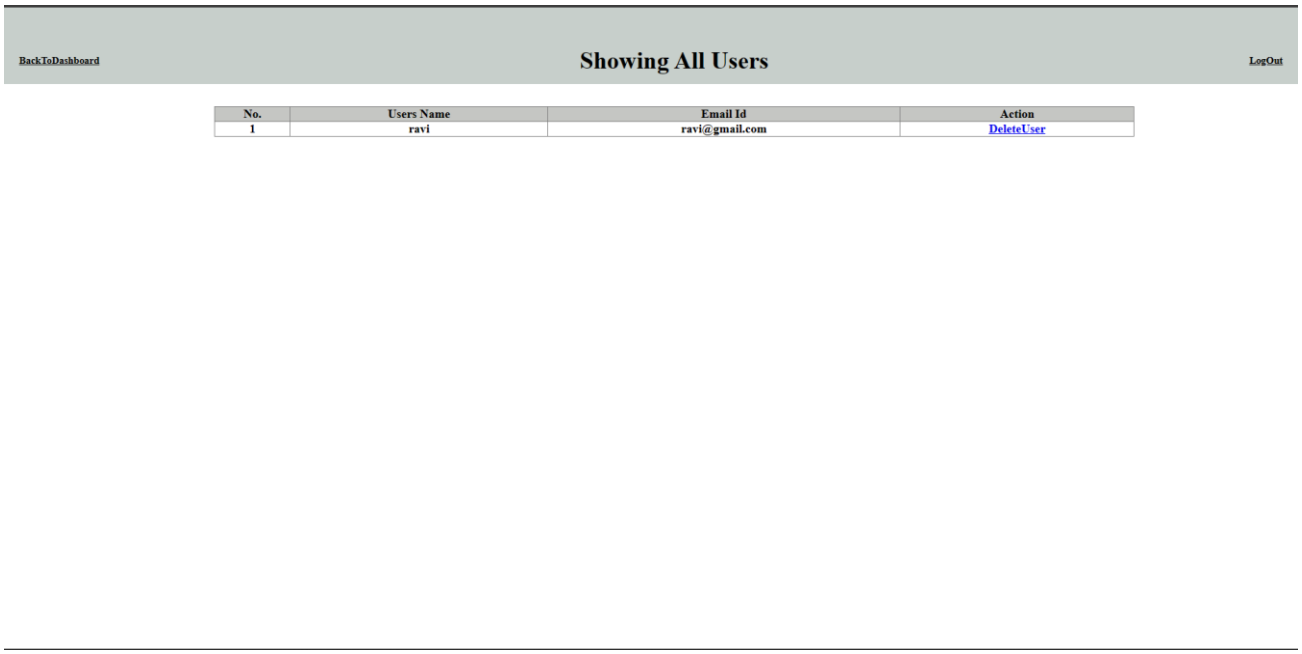
Delete Users

12. ADMIN'S DELETE DATA PAGE

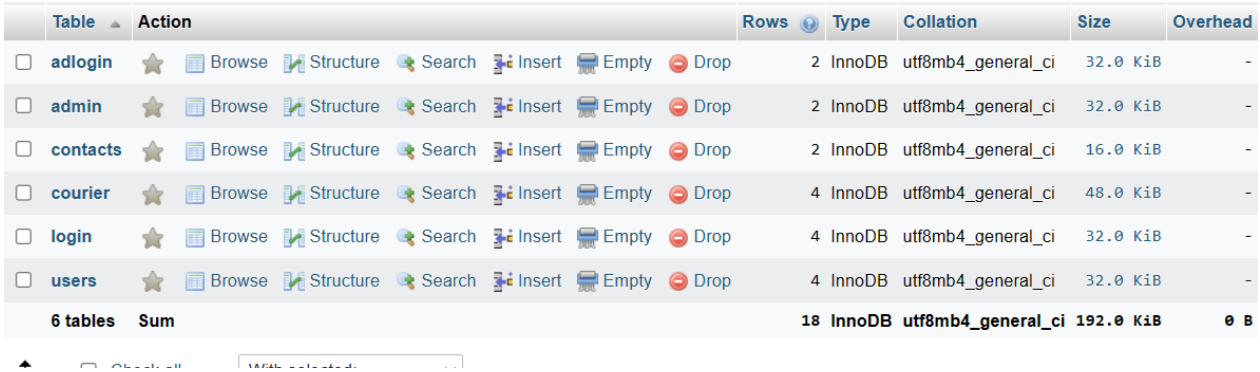
BackToDashboard | Search Data Information | LogOut

No.	Items Image	Sender Name	Receiver Name	Sender Email	Action
1		ravi	vt	ravi@gmail.com	Delete
2		ravi	rj	ravi@gmail.com	Delete
3		rj	rj	ravi@gmail.com	Delete
4		ravi	rav	ravi@gmail.com	Delete

13. ALL THE USER DETAILS PAGE



14. LIST OF ALL THE TABLES IN PROJECT



CONCLUSION

System development is also considered as a process backed by engineering approach. We have tried to incorporate & develop new particles for our education particles have been followed not during the but coding but also during the analysis, design phases & in documentation.

Courier agency is considered as an expansion of business relations. It contributes a lot by providing quick & fast services of sending documents letters (formal & informal both) to business as it enables any business to flourish

Following modification or upgrades can be done in system.

1) More than one company can be integrated through this software.
2) Web services can be used to know exact delivery status of packets.
3) Client can check the repacked delivery status online.
4) Distributed database approach in place of centralized approach

References and Bibliography:

- http://www.bluedart.com/
- http://www.xamppserver.com/en/
- http://www.php.net/
- http://youtube.com/
- http://www.tutorialspoint.com/mysql/
- https//apache.org/docs/2.0/misc/tutorials.html