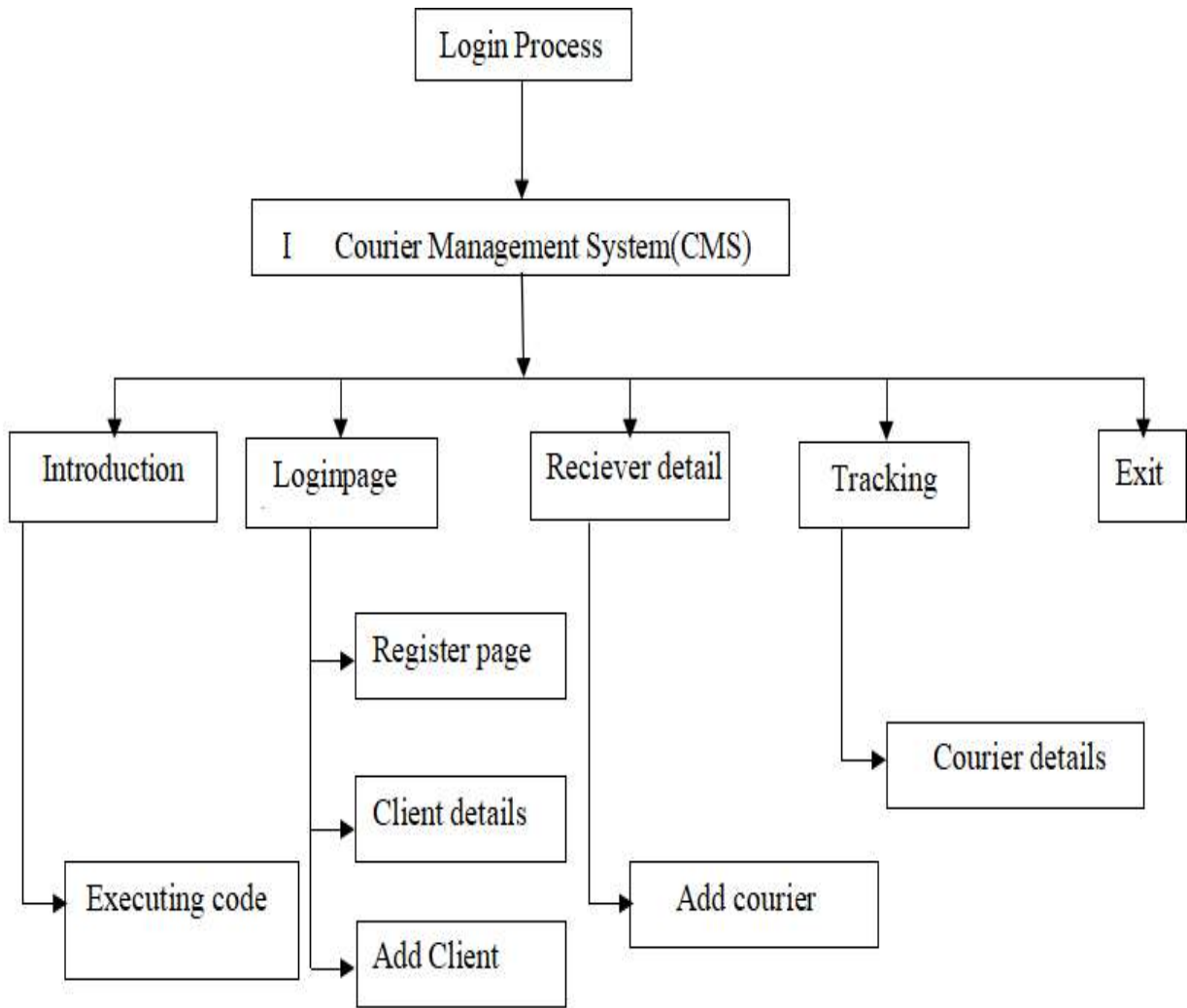


SYSTEM FLOW DIAGRAM



DATABASE

COURIERS TABLE:

FIELD NAME	DATATYPE	CONSTRAINTS
courier_id	INT	PRIMARY KEY,AUTO INCREMENT
sender_id	INT	PRIMARY KEY
reciever_name	VARCHAR(50)	NOT NULL
reciever_address	VARCHAR(255)	NOT NULL
reciever_phone_no	INT	NOT NULL
status	VARCHAR(50)	NOT NULL

CUSTOMERS TABLE

FIELD NAME	DATATYPE	CONSTRAINTS
customer_id	INT	PRIMARY KEY,AUTO INCREMENT
first_name	VARCHAR(50)	NOT NULL
last_name	VARCHAR(50)	NOT NULL
registration_no	VARCHAR(255)	NOT NULL
phone_number	INT	NOT NULL
password	VARCHAR(50)	NOT NULL

TRACKING TABLE

FIELD NAME	DATATYPE	CONSTRAINTS
tracking_id	INT	PRIMARY KEY,AUTO INCREMENT
package_id	INT	PRIMARY KEY
location	VARCHAR(50)	NOT NULL
distance_travelled	FLOAT	NOT NULL
timestamp	TIMESTAMP	NOT NULL

1. INPUT AND OUTPUT



A screenshot of a Java Swing window titled "Login". The window has a light gray background and standard window controls (minimize, maximize, close) in the top right corner. It contains two text input fields: the first is labeled "Registration No" and the second is labeled "Password". Below these fields are two buttons: "Login" and "Register", stacked vertically.



A screenshot of a Java Swing window titled "Register". The window has a light gray background and standard window controls. It contains several text input fields: "First Name" (filled with "Raju"), "Last Name" (filled with "R"), "Registration No" (filled with "7"), "Phone Number" (filled with "73731046573"), "Password" (filled with "***"), and "Confirm Password" (filled with "***"). Below these fields are two buttons: "Register" and "Login", stacked vertically. In the foreground, there is a smaller dialog box titled "Success" with a close button. It features a blue information icon and the text "Registered successfully". At the bottom of the dialog is an "OK" button.

Login

Registration No

7

Password

Login

Register

Success

Login successful

OK

Courier Management System

Receiver Name

Nithra

Receiver Address

Municipal colony, erodi

Receiver Phone Number

985634789

Add Courier

Success

Courier added successfully with ID: 14

OK

Update Status