

Abstract

Pets are the best way to keep yourself busy when you are feeling lonely at your home or when you feel a little low. They give you only love and affection in exchange of everything they get from you.

The main thing that everyone is worried about is ‘which pet should they have at their home?’

The solution is taking advice from someone who is could tell you which pet better suits you and your daily routine. This can be done in many ways, like going to see a consultant or asking someone who has knowledge regarding pets.

Why do all this when you can visit a website sitting at home and have everything at your fingertips and adopt a pet that best suits you.

With something like this you won't even have to worry about how to take care of your pet and you'll always have little buddy by your side who'll give you nothing but lots and lots of love.

INTRODUCTION

This project includes the work done in area of Java Web Application in NetBeans IDE. It is a java based project using JSP, html, bootstrap and aims at the development of a web application for Adopting Pets, providing a platform for the Pet Enthusiasts to sign up, login and adopt pets.

A **pet** or **companion animal** is animal kept primarily for a person's company, entertainment, or as an act of compassion such as taking in and protecting a hungry stray cat, rather than as a working animal, livestock, or laboratory animal. Popular pets are often noted for their attractive appearances, intelligence and relatable personalities, or may just be accepted as they are because they need a home.

Pets provide their owners (or "guardians") both physical and emotional benefits. Walking a dog can provide both the human and the dog with exercise, fresh air, and social interaction. Pets can give companionship to people who are living alone or elderly adults who do not have adequate social interaction with other people. There is a medically approved class of therapy animals, mostly dogs or cats, that are brought to visit confined humans, such as children in hospital or elders in nursing homes. Pet therapy utilizes trained animals and handlers to achieve specific physical, social, cognitive or emotional goals with patients.

PROJECT MODULES

This web application has two modules: Admin and User.

Admin:

Admin is given access to the database and can retrieve the data. Admin can check which users have registered.

Users:

Users can make an account if they don't have it by signing up. They can login with the credentials provided at the time of registration. Once, they log in, they can adopt the pets as per their interest.

TABLE STRUCTURE

Database used: Xampp MySQL

XAMPP is a free and open-source cross-platform web **server** solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP **Server**, MariaDB database.

Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server possible.

Database Structure:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'pet'. The 'Table structure' tab is selected for the 'users' table. The table structure is as follows:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	email	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
3	pass	varchar(50)	latin1_swedish_ci		No	None			Change Drop More
4	username	varchar(50)	latin1_swedish_ci		Yes	None			Change Drop More
5	labrador	int(11)			No	0			Change Drop More
6	husky	int(11)			No	0			Change Drop More
7	spaniel	int(11)			No	0			Change Drop More

Below the table structure, the 'Indexes' section shows a primary index on the 'id' column. The 'Partitions' section indicates that no partitioning is defined. The 'Information' section at the bottom provides details on space usage and row statistics.

The screenshot displays the phpMyAdmin web interface in a browser. The address bar shows the URL: `localhost/phpmyadmin/sql.php?db=pct&table=users&pos=0`. The interface includes a sidebar with a database tree on the left and a main content area on the right. The database tree shows the following structure:

- information_schema
- mysql
- performance_schema
- pct
 - New
 - users
- phpmyadmin
- test

The main content area shows the 'users' table structure and data. The table has the following columns: `id`, `email`, `pass`, `username`, `tabrador`, `husky`, and `spaniel`. The table contains 11 rows of data. The interface also includes a 'Query results operations' section with options like 'Print', 'Copy to clipboard', 'Export', 'Display chart', and 'Create view'. A 'Bookmark this SQL query' section is also visible at the bottom.

Showing rows 0 - 10 (11 total, Query took 0.0014 seconds)

SELECT * FROM `users`

Options: Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

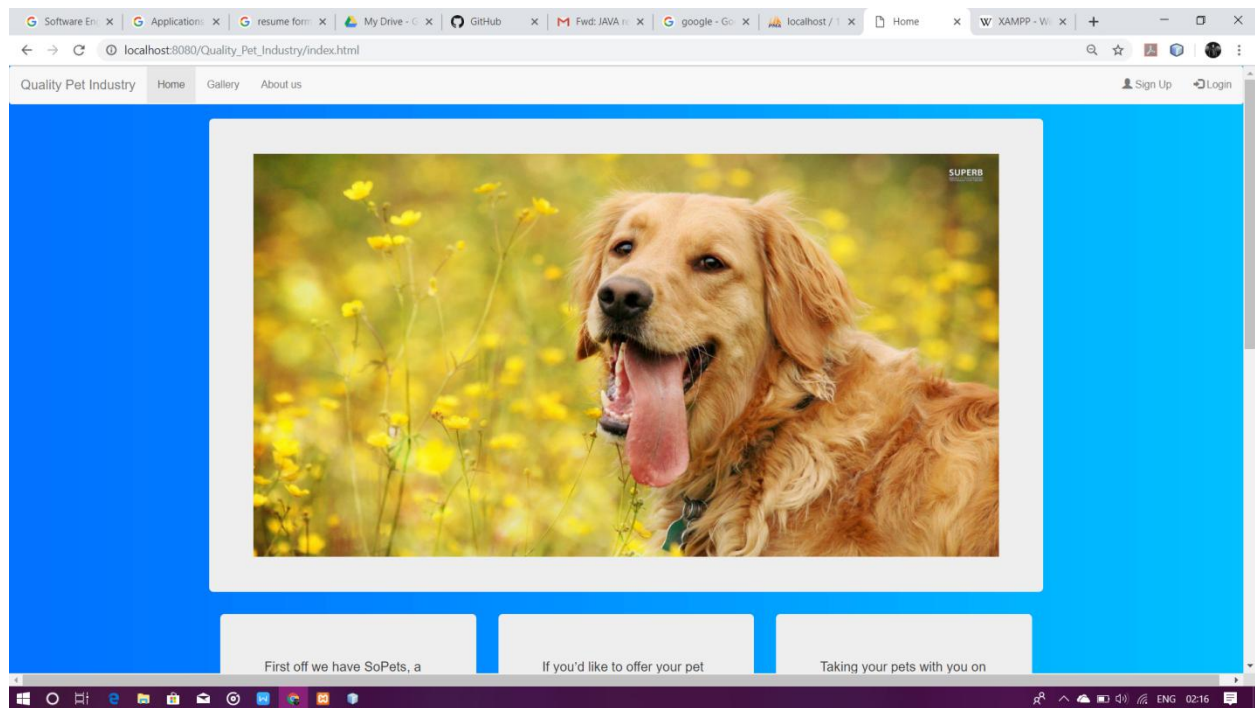
		id	email	pass	username	tabrador	husky	spaniel
<input type="checkbox"/>	Edit	1	jeringnatiuous1998@gmail.com	PuEDypSZCQ7h2BQ	jerin	2	5	4
<input type="checkbox"/>	Edit	2	jeringnatiuous198@gmail.com	123456	jerin1	0	0	0
<input type="checkbox"/>	Edit	3	sablesaurabh98@gmail.com	SAurabh@03	saaurabh	0	0	0
<input type="checkbox"/>	Edit	4	jerin@gmail.com	12345	jerin2	0	0	0
<input type="checkbox"/>	Edit	5	saaurabh@gmail.com	12345	saaurabh1	0	0	0
<input type="checkbox"/>	Edit	6	jerin@gmail.com	12345	jerin	0	0	0
<input type="checkbox"/>	Edit	7	sau@gmail.com	12345	saaurabh2	0	0	0
<input type="checkbox"/>	Edit	8	rushkesh@gmail.com	123456	rushya	0	0	0
<input type="checkbox"/>	Edit	9	mario@gmail.com	12345	mario	1	2	1
<input type="checkbox"/>	Edit	10	pratik@gmail.com	12345	pratik	1	0	1
<input type="checkbox"/>	Edit	11	amruta@gmail.com	12345	amruta	2	0	1

Query results operations: Print, Copy to clipboard, Export, Display chart, Create view

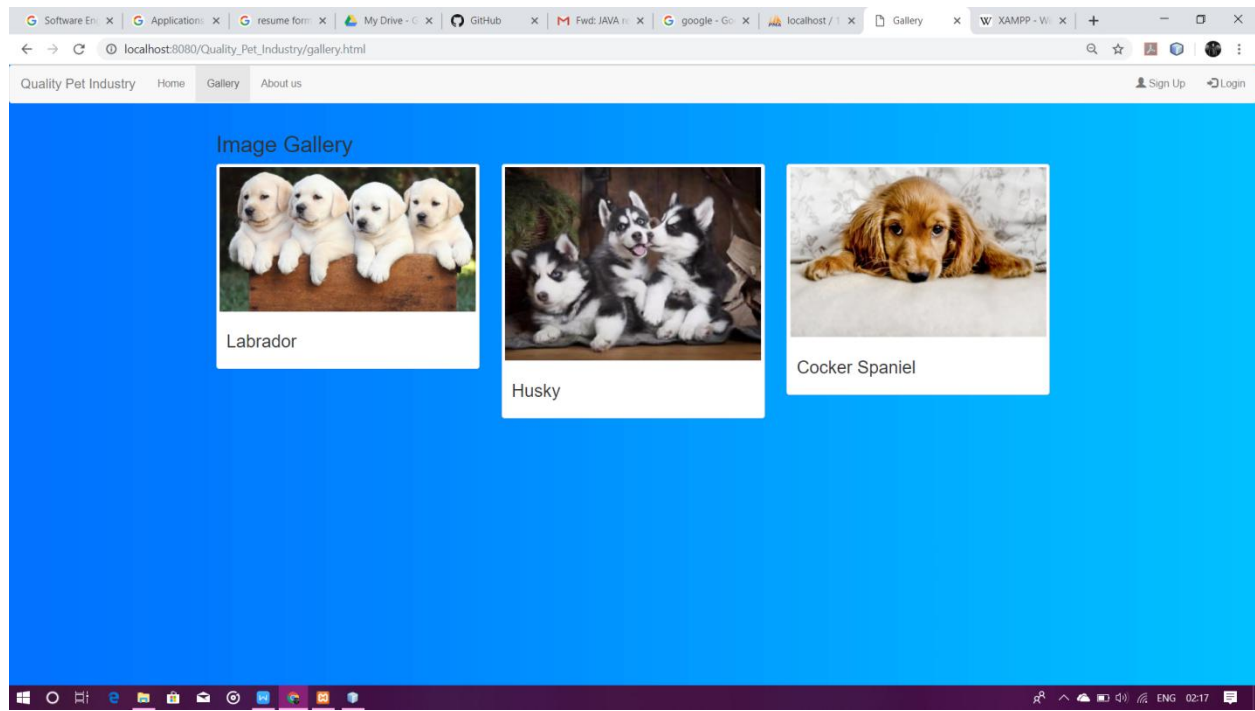
Bookmark this SQL query: Label: Let every user access this bookmark

OUTPUT

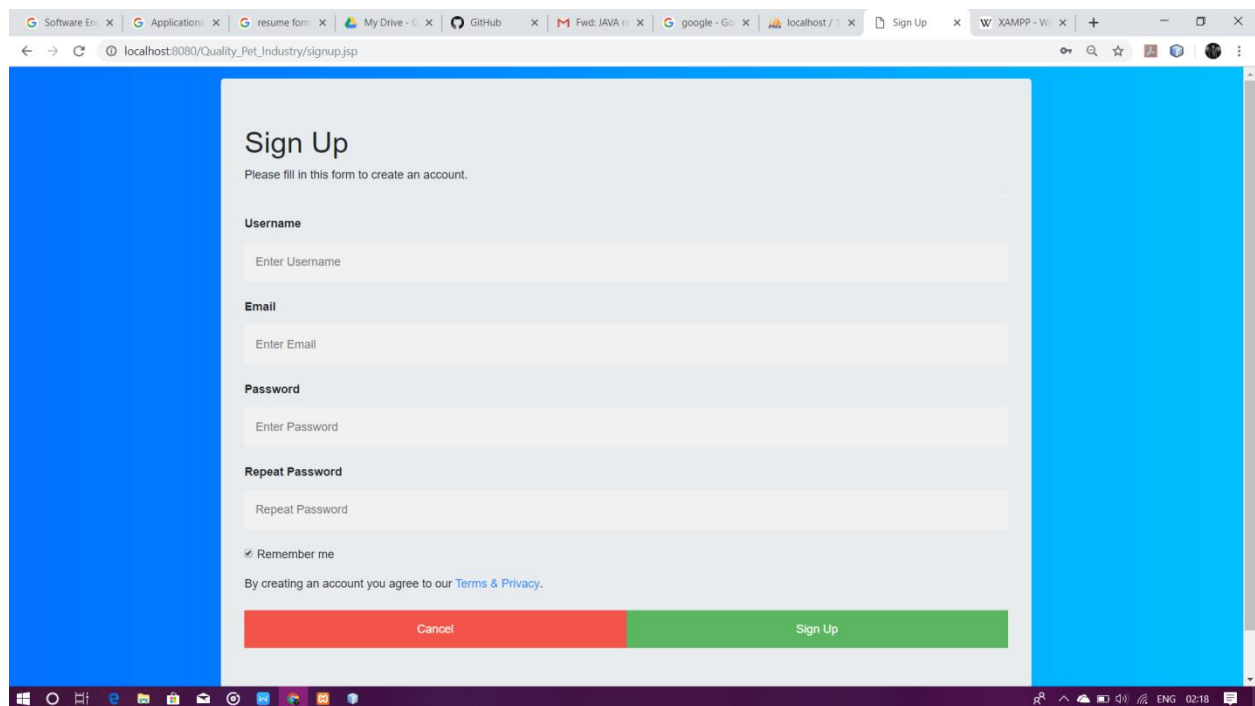
index.html



gallery.html



signup.jsp



The screenshot shows a web browser window with the URL `localhost:8080/Quality_Pet_Industry/signup.jsp`. The page has a blue header and a light gray main content area. The form is titled "Sign Up" and includes a subtext "Please fill in this form to create an account." The form fields are: Username (text input), Email (text input), Password (password input), and Repeat Password (password input). Below the fields is a checkbox labeled "Remember me" and a link "By creating an account you agree to our [Terms & Privacy](#)." At the bottom of the form are two buttons: "Cancel" (red) and "Sign Up" (green). The browser's taskbar at the bottom shows various application icons and the system clock at 02:18.

Sign Up

Please fill in this form to create an account.

Username

Enter Username

Email

Enter Email

Password

Enter Password

Repeat Password

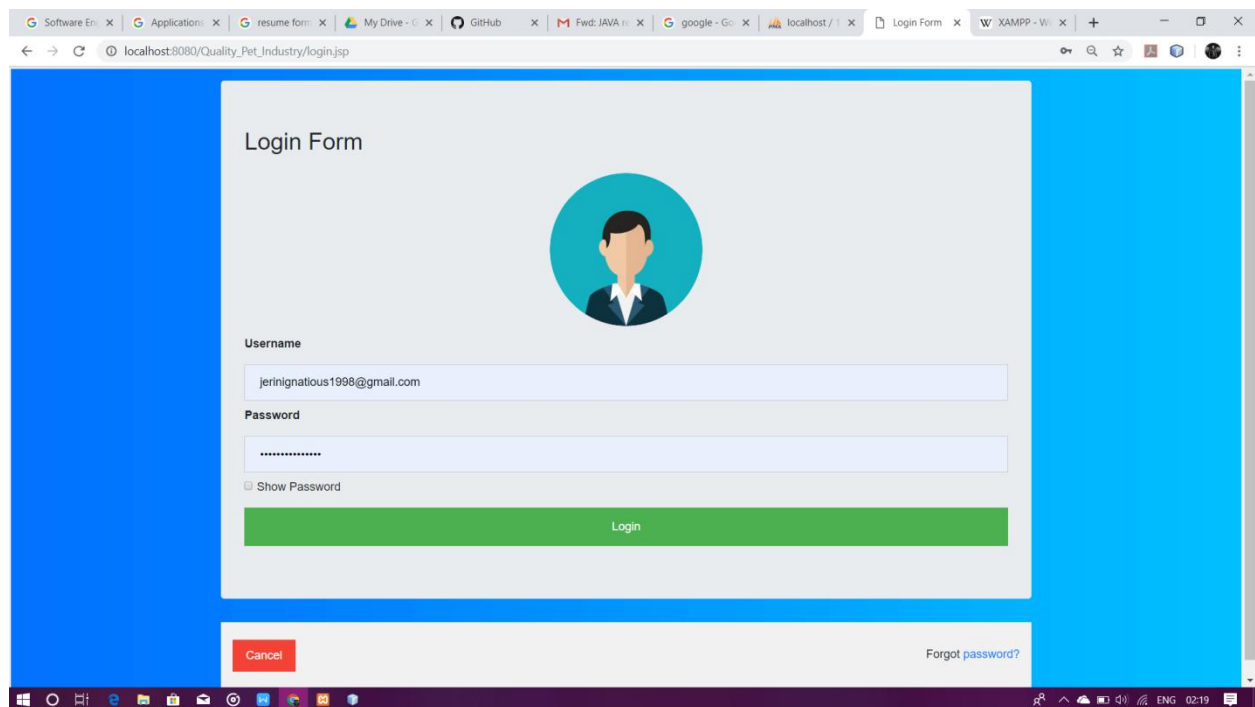
Repeat Password

☒ Remember me

By creating an account you agree to our [Terms & Privacy](#).


Cancel Sign Up

login.jsp



The screenshot shows a web browser window with the URL `localhost:8080/Quality_Pet_Industry/login.jsp`. The page has a blue header and a light gray main content area. The form is titled "Login Form" and features a circular profile picture of a man in a suit. The form fields are: Username (text input with the value "jerinignatious1998@gmail.com") and Password (password input with masked characters "*****"). Below the password field is a checkbox labeled "Show Password". At the bottom of the form is a green "Login" button. Below the form area, there is a red "Cancel" button and a link "Forgot password?". The browser's taskbar at the bottom shows various application icons and the system clock at 02:19.

Login Form



Username

jerinignatious1998@gmail.com

Password

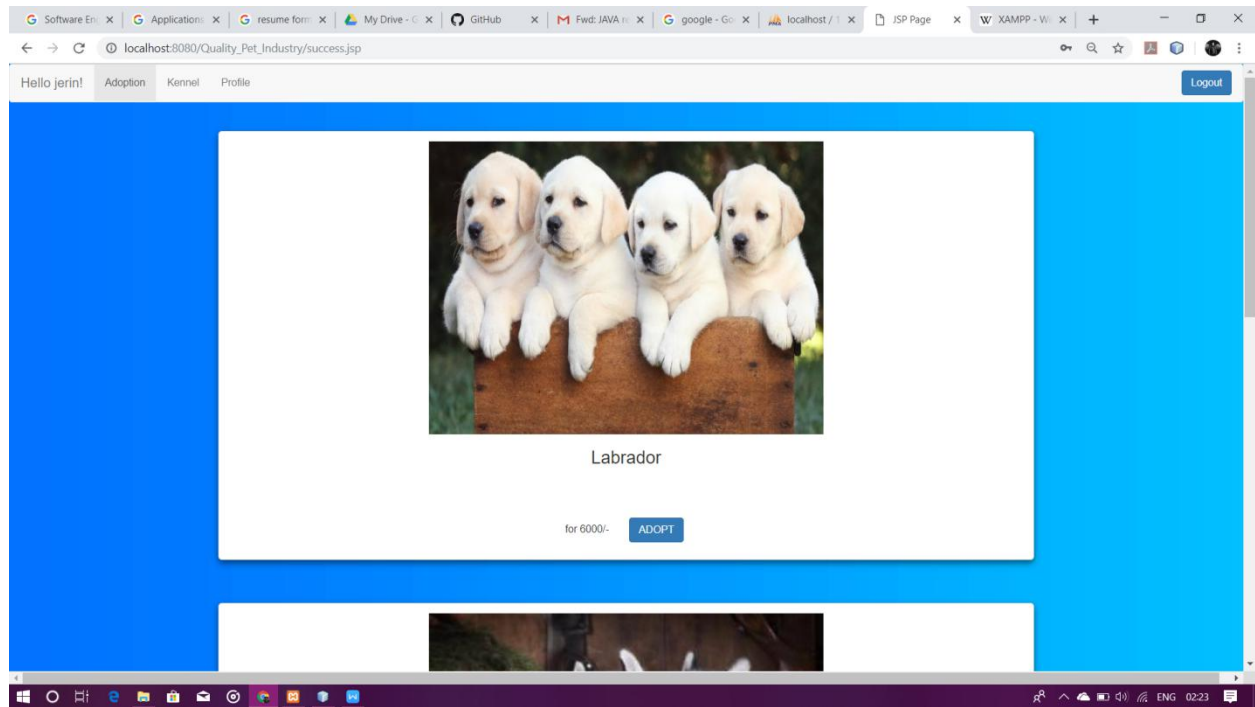
☐ Show Password

Login

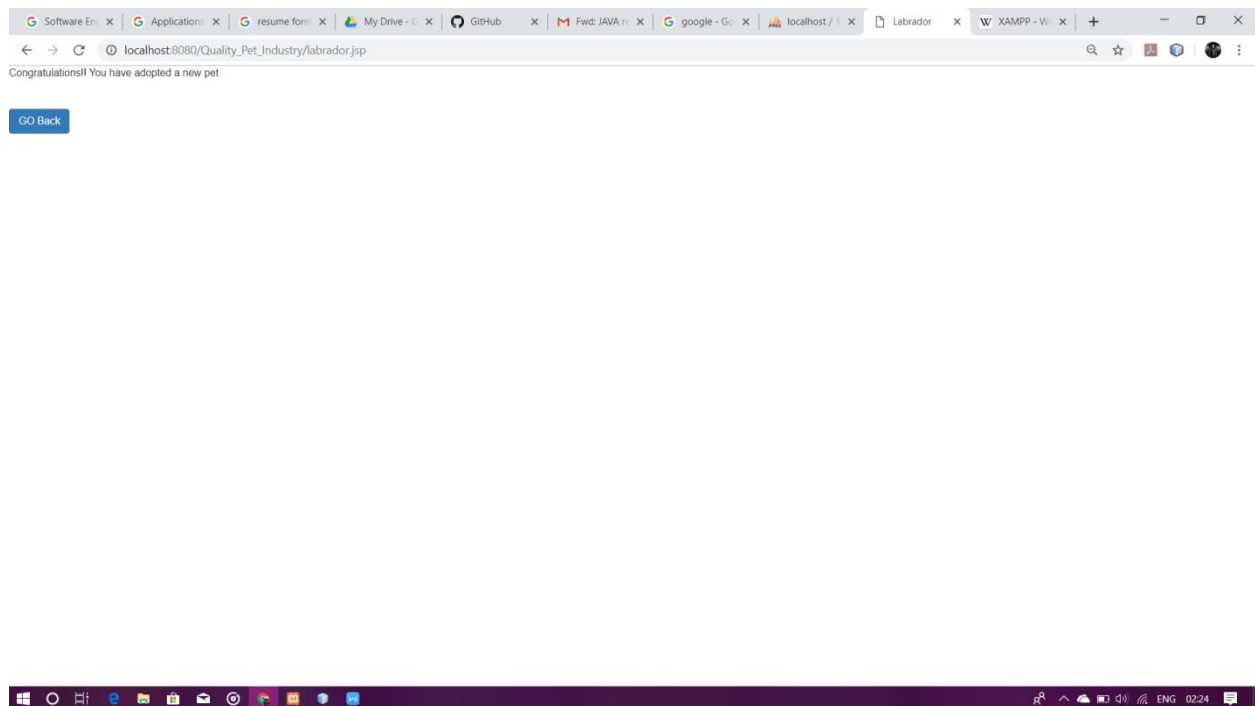
Cancel

[Forgot password?](#)

success.jsp



labrador.jsp, husky.jsp, spaniel.jsp



adminPanel.jsp

Quality Pet Industry Welcome back Admin! Logout

All Pet Enthusiasts

Sr. No	Username	Email	Labradors	Huskies	Cocker Spaniels
1	jerin	jerinignatious1968@gmail.com	3	5	4
2	jerin1	jerinignatious196@gmail.com	0	0	0
3	saurabh	sabesaurabh98@gmail.com	0	0	0
4	jerin2	jerin@gmail.com	0	0	0
5	saurabh1	saurabh@gmail.com	0	0	0
6	jerry	jerry@gmail.com	0	0	0
7	saurabh2	sau@gmail.com	0	0	0
8	rushya	rushikesh@gmail.com	0	0	0
9	mario	mario@gmail.com	1	2	1
10	pratik	pratik@gmail.com	1	0	1
11	amruta	amruta@gmail.com	2	0	1

CONCLUSION

The purpose and objective of pet adoption through java web application is achieved by providing a good graphical interface, flexibility and simplicity to the user. The users can attempt the sign up, login and adopt pets. Also, the admin can keep the track of all the users registered and adoption details. This project has attained its objective by providing the facility of providing pet adoption through java web application.