# Project Report On

Yoga Class Registration System

By

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# **Acknowledgement**

I extend my deepest appreciation to my esteemed guide, Mr. R.N PANDA for providing me with the possibility to complete this project with the right guidance and advice.

Special gratitude I give to my respected head of the division Mr.R.N PANDA, for allowing me to use the facilities available and also help me to coordinate my project

Furthermore, I would also like to acknowledge with much appreciation the crucial role of faculty members on this occasion.

Last but not least, I would like to thank friends who help me to assemble the parts and gave a suggestion about the project.

# **Abstract**

YCRS is a web based application which is developed in PHP and MySQL server. It helps user to book yoga classes. YCRS contain data of user who want to enrol with yoga classes. The main purpose of YCRS is to systematically record, store and update recorded data.

# <u>Introduction</u>

#### Introduction:-

The main objective for developing this project is to provide an easier way to book for yoga classes session and save time. In Yoga Classes Registration System we use PHP and MySQL database. This project has two modules i.e. admin and use

#### **Admin**

- Admin: In this section, admin can update his/her profile, Change password and logout.
- Dashboard: In this section, admin can briefly view total new booking, total approved booking, total cancelled booking, total booking, total read enquiry, total unread enquiry, total enquiry, and total classes.
- Classes: In this section, admin can manage classes(Add/Update/Delete).
- Pages: In this section, admin can manage about us and contact us pages.
- **Booking:** In this section, admin can view new, approved, cancelled bookings and also give a remark.

- **Report**: In this section, admin can view the enquiry details and check booking details in a particular period.
- Enquiry: In this section, admin can view and maintain the enquiry.
- **Search:** In this section, admin can search for booking details with the help of his/her booking number.

# **User(**not need to register himself)

- **Home:** User can visit the website and check the detail of yoga classes.
- **Classes:** In this section, user can view detail of yoga classes and book yoga classes.
- About Us: User can see the details of the website.
- Contact Us: User can see the contact detail and contact with the website administrator.

# **Purpose:-**

The main purpose of YCRS to solve the problem of users who want to take session of yoga classes and also reduce the manual work for managing the details of users and yoga classes through internet. This application has good appearance and is very easy to operate. It is very simple and easy to access. It is very simple source code. It saves our time and money. This project provide a lot of features to manage in very well manner. This project contain a lot of advance module which make the backend system very powerful.

**Scope:-** This web application has a very lots of scope. This Project can be used by any yoga classes or yoga institution for keeping record of yoga students. This project is easy, fast and accurate. It requires less

disk space. Yoga Classes Registration System uses MYSQL Server as backend so there is not any chance of data loss or data security.

# **Requirement Specification**

# **Hardware Configuration:**

**Client Side:** 

RAM 512 MB

Hard disk 10 GB

**Processor** 1.0 GHz

# Server side:

RAM	1 GB
Hard disk	20 GB
Processor	2.0 GHz

# **Software Requirement:**

# **Client Side:**

	Google Chrome or any compatible
Web Browser	browser

Operating System	Windows or any equivalent OS
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#### **Server Side:**

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
	Google Chrome or any compatible
Web Browser	browser
Operating System	Windows or any equivalent OS

#### **APACHE**

The Apache HTTP Server Project is an effort to develop and maintain an open-source HTTP server for modern operating systems including UNIX and Windows. The goal of this project is to provide a secure, efficient and extensible server that provides HTTP services in sync with the current HTTP standards.

The Apache HTTP Server ("http") was launched in 1995 and it has been the most popular web server on the Internet since April 1996. It has celebrated its 20th birthday as a project in February 2015.

#### **PHP**

- PHP stands for PHP: Hypertext Preprocessor.
- PHP is a server-side scripting language,
   like ASP.
- PHP scripts are executed on the server.

- PHP supports many databases (MYSQL, Informix, Oracle, Sybase, Solid, Generic ODBC, etc.).
- PHP is open source software.
- PHP is free to download and use.

# **MYSQL**

- MYSQL is a database server
- MYSQL is ideal for both small and large applications
- MYSQL supports standard SQL
- MYSQL compiles on a number of platforms
- MYSQL is free to download and use
- How to access MySQL:

http://localhost/phpmyadmin

# **Analysis and Design**

# **Analysis:**

The main aim of developing Yoga Classes Registration System project is to replace traditional way of booking yoga classes with computerized system. Another important reason for developing this project is to prepare summary report of booking classes which is booked by users quickly and in correct format at any point of time when required.

# Disadvantage of present system:

- Not user friendly: The present system not user friendly because data is not stored in structure and proper format.
- Manual Control: All report calculation is done manually so there is a chance of error.
- Lots of paper work: Person record maintain in the register so lots of paper require storing details.
- Time consuming

# **Design Introduction:**

Design is the first step in the development phase for any techniques and principles for the purpose of defining a device, a process or system in sufficient detail to permit its physical realization.

Once the software requirements have been analyzed and specified the software design involves three technical activities - design, coding, implementation and testing that are required to build and verify the software.

The design activities are of main importance in this phase, because in this activity, decisions ultimately affecting the success of the software implementation and its ease of maintenance are made. These decisions have the final bearing upon reliability and maintainability of the system. Design is the only way to accurately translate the customer's requirements into finished software or a system.

Design is the place where quality is fostered in development. Software design is a process through which requirements are translated into a representation of software. Software design is conducted in two steps. Preliminary design is concerned with the transformation of requirements into data

# **UML Diagrams:**

### Actor:

A coherent set of roles that users of use cases play when interacting with the use `cases.

Use case: A description of sequence of actions, including variants, that a system performs that yields an observable result of value of an actor.

UML stands for Unified Modeling Language. UML is a language for specifying, visualizing and documenting the system. This is the step while developing any product after analysis. The goal from this is to produce a model of the entities involved in the project which later need to be built. The representation of the entities that are to be used in the product being developed need to be designed.

#### **USECASE DIAGRAMS:**

Use case diagrams model behavior within a system and helps the developers understand of what the user require. The stick man represents what's called an actor.

Use case diagram can be useful for getting an overall view of the system and clarifying who can do and more importantly what they can't do.

Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- The purpose is to show the interactions between the use case and actor.
- To represent the system requirements from user's perspective.
- An actor could be the end-user of the system or an external system.

**USECASE DIAGRAM:** A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use cases and actors. An actor represents a real-world object. Primary Actor – Sender, Secondary Actor Receiver.

# **Use Case Diagrams:**

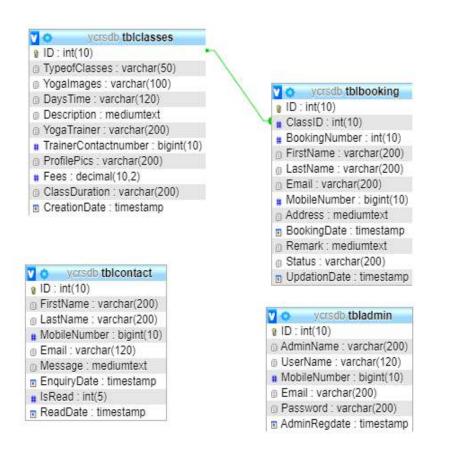
Admin

User

User

# **Class Diagram:**

A description of set of objects that share the same attributes operations, relationships, and semantics



# ycrsdb tblpage lace ID: int(10) PageType: varchar(200) PageTitle: varchar(200) PageDescription: mediumtext Email: varchar(120) MobileNumber: bigint(10) OpenningTime: varchar(200) UpdationDate: timestamp

# **ER Diagram:**

The Entity-Relationship (ER) model was originally proposed by Peter in 1976 [Chen76] as a way to unify the network and relational database views. Simply stated the ER model is a conceptual data model that views the real world as entities and relationships. A basic component of the model is the Entity-Relationship diagram which is used to visually

represent data objects. Since Chen wrote his paper the model has been extended and today it is commonly used for database design for the database designer, the utility of the ER model is:

- It maps well to the relational model. The constructs used in the ER model can easily be transformed into relational tables.
- It is simple and easy to understand with a minimum of training. Therefore, the model can be used by the database designer to communicate the design to the end user.
- In addition, the model can be used as a design plan by the database developer to implement a data model in specific database management software.

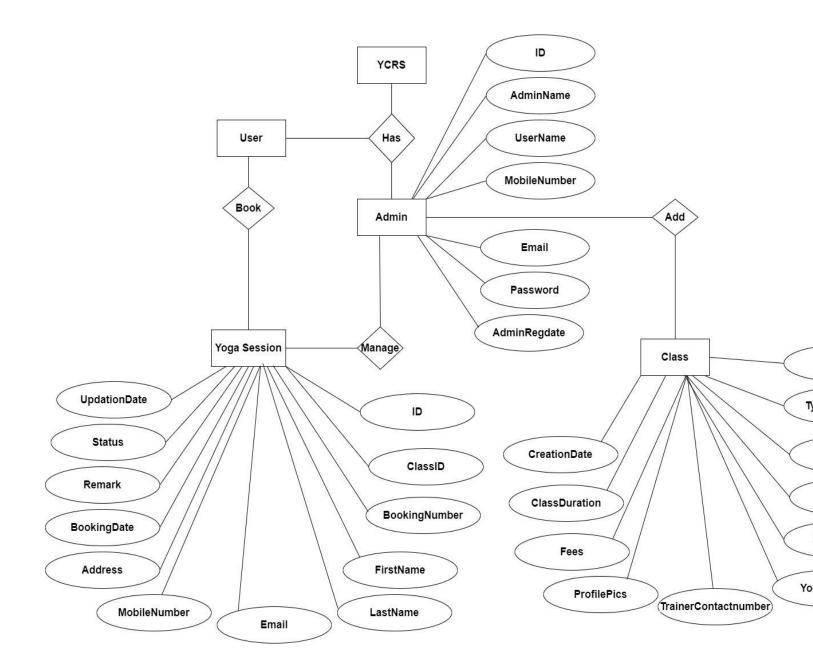
### **ER Notation**

There is no standard for representing data objects in ER diagrams. Each modeling methodology uses its own notation. The original notation used by Chen is widely used in academics texts and journals but rarely seen in either CASE tools or publications by non-academics. Today, there are a number of notations used; among the more common are Bachman, crow's foot, and IDEFIX.

All notational styles represent entities as rectangular boxes and relationships as lines connecting boxes. Each style uses a special set of symbols to represent the cardinality of a connection. The notation used in this document is from Martin. The symbols used for the basic ER constructs are:

- **Entities** are represented by labeled rectangles. The label is the name of the entity. Entity names should be singular nouns.
- Relationships are represented by a solid line connecting two entities. The name of the relationship is written above the line.
   Relationship names should be verbs
- Attributes, when included, are listed inside the entity rectangle.
   Attributes which are identifiers are underlined. Attribute names should be singular nouns.
- **Cardinality** of many is represented by a line ending in a crow's foot. If the crow's foot is omitted, the cardinality is one.

**Existence** is represented by placing a circle or a perpendicular bar on the line. Mandatory existence is shown by the bar (looks like a 1) next to the entity for an instance is required. Optional existence is shown by placing a circle next to the entity that is optional.



# **MySQL Data Tables:**

**Admin Table:**(Table name is tbladmin) This store admin personal and login details.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(50)	utf8mb4_general_ci		Yes	NULL		
3	UserName	varchar(50)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(120)	utf8mb4_general_ci		Yes	NULL		
6	Password	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		

Class Table: (Table name is tblclasses)

This table store the detail of yoga classes and their trainer.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	TypeofClasses	varchar(50)	utf8mb4_general_ci		Yes	NULL		
3	Yogalmages	varchar(100)	utf8mb4_general_ci		Yes	NULL		
4	DaysTime	varchar(120)	utf8mb4_general_ci		Yes	NULL		
5	Description	mediumtext	utf8mb4_general_ci		yes			
6	YogaTrainer	varchar(200)	utf8mb4_general_ci		ş	NULL		
7	TrainerContactnumber	bigint(10)			ş	NULL		
8	ProfilePics	varchar(200)	utf8mb4_general_ci		Yes	NULL		
9	Fees	decimal(10,2)			20	None		
10	ClassDuration	varchar(200)	utf8mb4_general_ci		Ю	None		
11	CreationDate	timestamp			Yes	current_timestamp()		

# **Booking Table:** (Table name is tblbooking)

This table stores the detail of user booking who wants to take yoga session.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	ClassID	int(10)			Yes	NULL		
3	BookingNumber	int(10)			Yes	NULL		
4	FirstName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	LastName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	MobileNumber	bigint(10)			Yes	NULL		
8	Address	mediumtext	utf8mb4_general_ci		Yes			
9	BookingDate	timestamp			Yes	current_timestamp()		
10	Remark	mediumtext	utf8mb4_general_ci		Yes			
11	Status	varchar(200)	utf8mb4_general_ci		Yes	NULL		
12	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIME

**Contact Table(**table name tblcontact) **This table stores enquiry details.** 

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	FirstName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	LastName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(120)	utf8mb4_general_ci		Yes	NULL		
6	Message	mediumtext	utf8mb4_general_ci		Yes			
7	EnquiryDate	timestamp			No	current_timestamp()		
8	IsRead	int(5)			Yes	NULL		
9	ReadDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIM

Pages Table(table name tblpage)

This table store about us contact us detail.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREM
2	PageType	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	PageTitle	varchar(200)	utf8mb4_general_ci		Yes	NULL		
4	PageDescription	mediumtext	utf8mb4_general_ci		Yes			
5	Email	varchar(120)	utf8mb4_general_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	OpenningTime	varchar(200)	utf8mb4_general_ci		No	None		
8	UpdationDate	timestamp			Yes	current_timestamp()		

# **Implementation and System Testing**

After all phase have been perfectly done, the system will be implemented to the server and the system can be used.

# **System Testing**

The goal of the system testing process was to determine all faults in our project .The program was subjected to a set of test inputs and many

explanations were made and based on these explanations it will be decided whether the program behaves as expected or not. Our Project went through two levels of testing

- 1. Unit testing
- 2. Integration testing

# **UNIT TESTING**

Unit testing is commenced when a unit has been created and effectively reviewed .In order to test a single module we need to provide a complete environment i.e. besides the section we would require

- The procedures belonging to other units that the unit under test calls
- Non local data structures that module accesses
- A procedure to call the functions of the unit under test with appropriate parameters

# 1. Test for the admin module

- Testing admin login form-This form is used for log in of administrator of the system. In this form we enter the username and password if both are correct administration page will open otherwise if any of data is wrong it will get redirected back to the login page and again ask the details.
- **Report Generation:** admin can generate report from the main database.

# **INTEGRATION TESTING**

In the Integration testing we test various combination of the project module by providing the input.

The primary objective is to test the module interfaces in order to confirm that no errors are occurring when one module invokes the other module.

# **Evaluation**

Project URL: <a href="http://localhost/ycrs">http://localhost/ycrs</a>

**Home Page** 

#### WELCOME TO YOGA CLASSES





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Against Aging
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69 Mon - Sat: 6:30am - 07:45pm

# OUR YOGA CLASSES







# OUR TRAINER YOGA















#### Yoga Classes

4054045045
intologrant.com
D-204, Fight Town South
West, Darm - 170058, finite

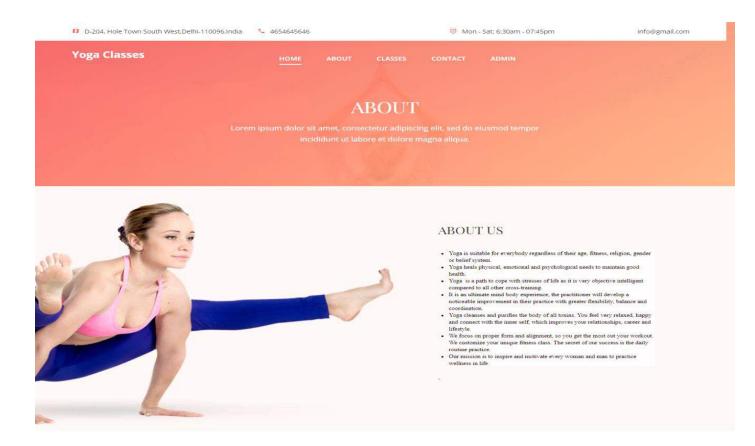
QUICUCTANKS

Home classes About the Contact the Admin

OFFICE STREET

🥴 Man - Sati 6/20am - 07/45pm

# **About Us**





Practice Yoga to perfect physical beauty, take care of your soul and enjoy life more fully!









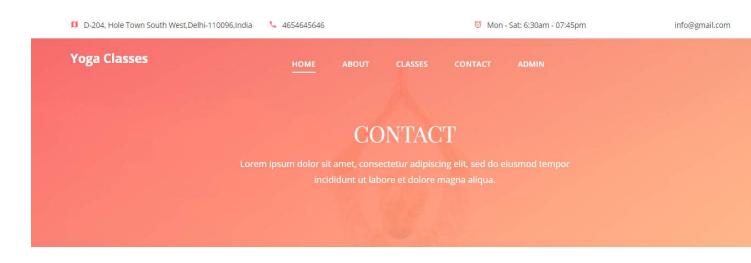
### QUICK LINKS Home Classes

About Us Contact Us Admin



☑ Mon - Sat: 6:30am - 07:45pm

# **Contact Us**



# Visit the Yoga Classes D -204, Hole Town South West, Delhi110096, India Message Us Message Us Message Message Message Message Message Message Message Message























First> Prev> Next> Last



#### **Yoga Classes**

4654645646
Info@gmail.com
D-20d. Hole Town South
West,Delhi-170086,India

#### QUICK LINKS

Home Classes About Us Contact Us

#### OPEN TIME

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# **Particular Details of Yoga Class**

ABOUT INSTRUCTOR 4798767979 □ 3 Month - Mon, En 9 06:30pm - 07:45pm & Om Shankar Jha

ABOUT INSTRUCTOR

Om Shankar Jha Yoga Traine 4798767979 f 🖾 🛩 in

#### DETAILL OF YOGA CLASSES



#### Kundalini yoga

Kundalini yoga clerives from kundalini, defined in Hindu fore as energy that lies dormant at the base of the spine until it is activated and channeled upward through the chakras in the process of spiritual perfection. Kundalini is believed to be power associated with the divine ferricine.

Morning

Tue, Wed. Fri: 7 a.m to 9 a.m

BOOK NOW

#### OTHER CLASSES



Sallesh Sharma
Duration: 1 Week



#### Kundalini yoga

m Mon, Wed. Fri. 55 06:30pm - 07:45pm

Fees: \$8000.00

Om Shankar tha BOOK NOW

< >

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#### OPEN TIME

☑ Mon - Sat: 6:30am - 07:d5pm



# **Booking Form**

**Yoga Classes** 

HOME

JT CL/

CONTACT

ADMII

# **BOOK YOUR SESSION**

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempoi incididunt ut labore et dolore magna aliqua.

First Name	Last Name	
Your Email	Phone Number	
Enter Address		
	send	



### **Yoga Classes**

4654645646

info@gmail.com

D-204, Hole Town South West,Delhi-110096,India

#### QUICK LINKS

Home

Classes

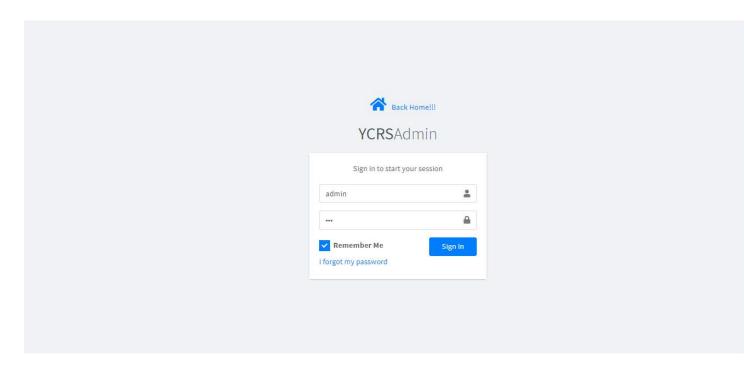
About Us Contact Us

Admin

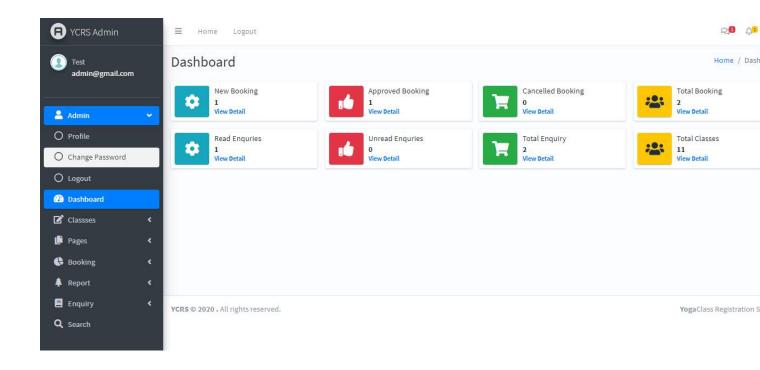
#### OPEN TIME

Ø Mon - Sat: 6:30am - 07:45pm

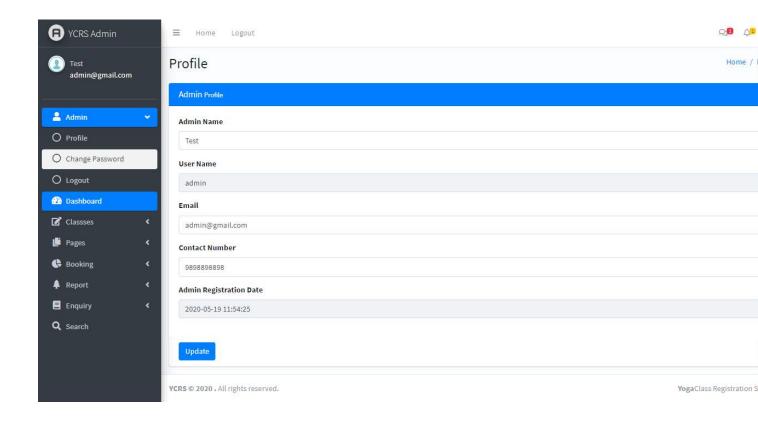
# **Admin Login**



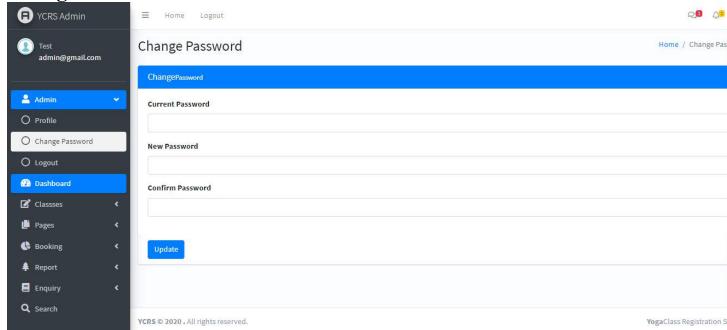
# **Dashboard**



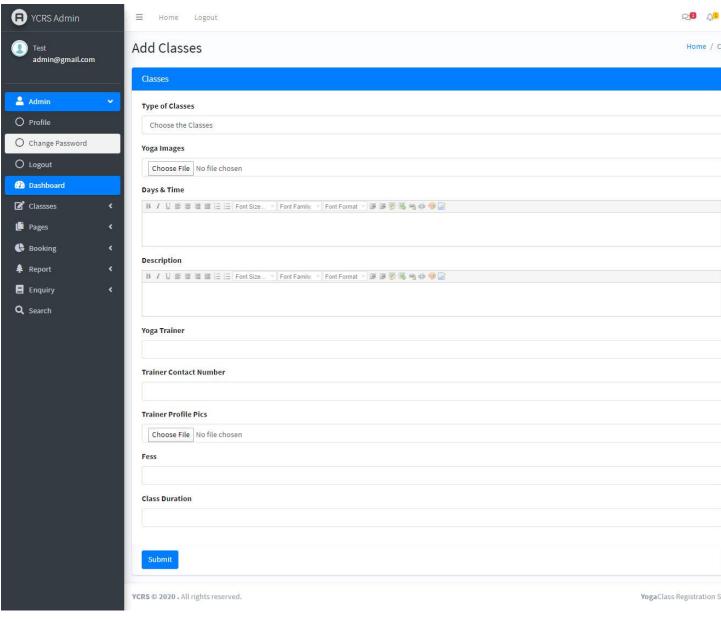
# **Admin Profile**

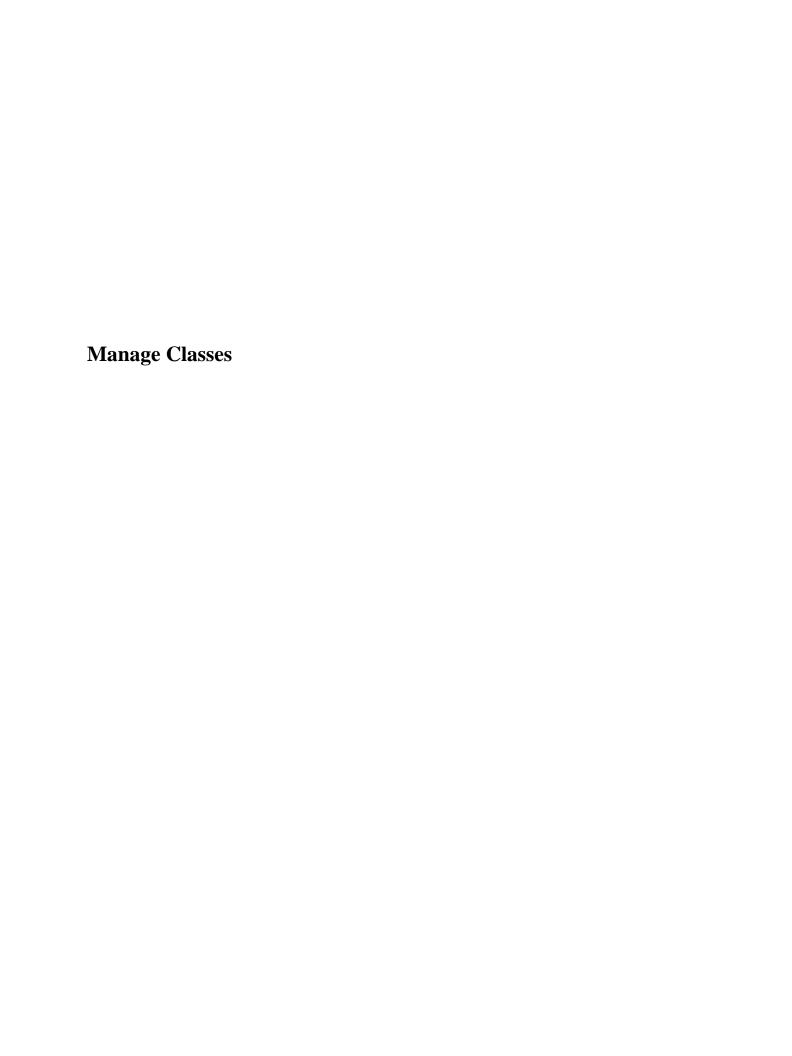


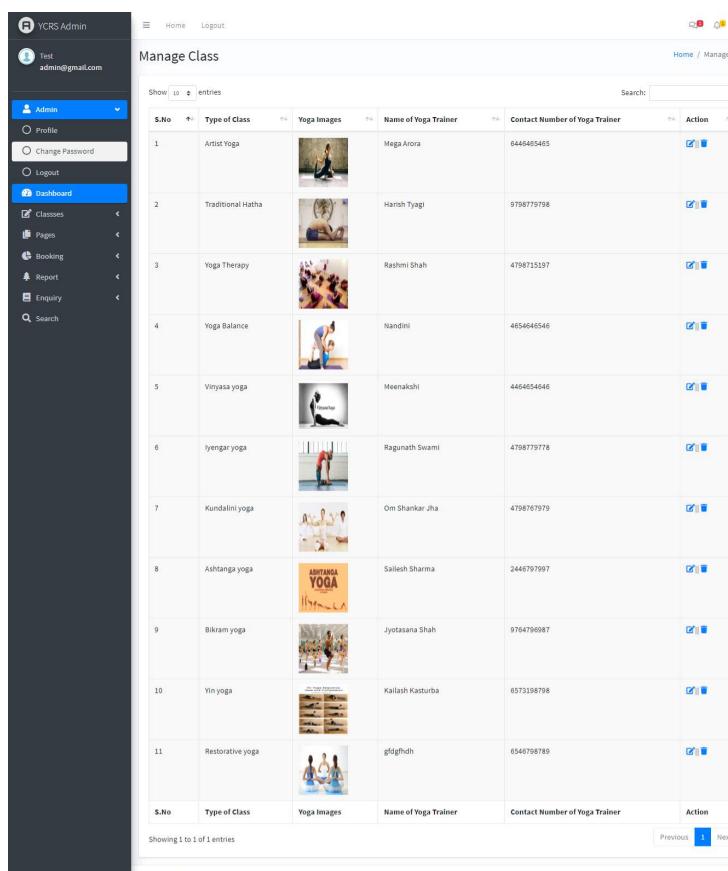
**Change Password** 



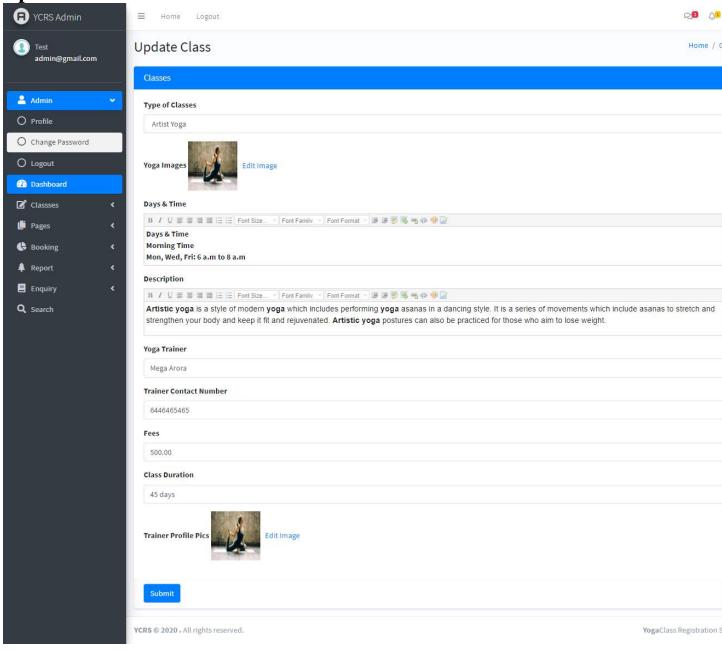
#### **Add Classes**



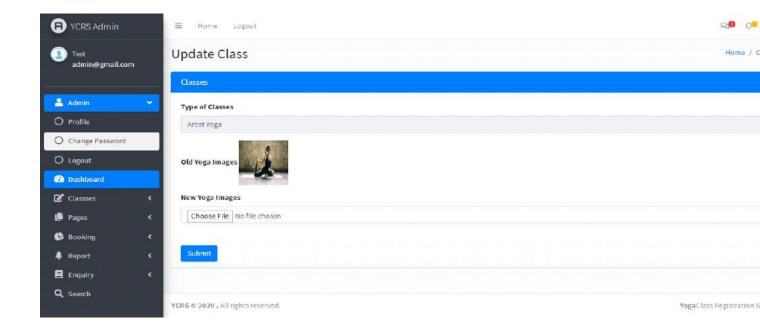




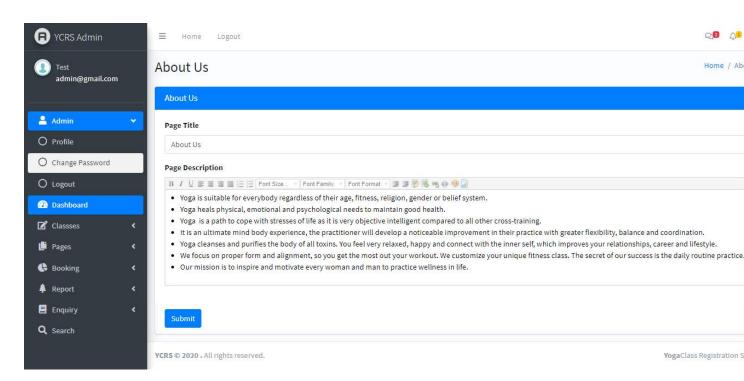
**Update Classes** 



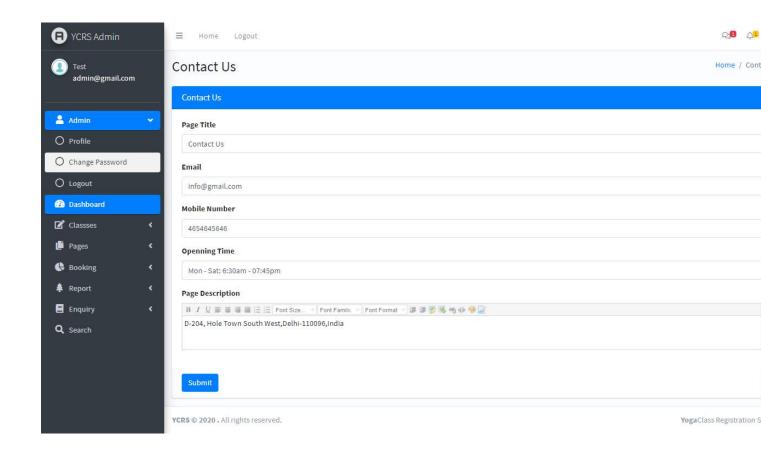
#### **Update Image**



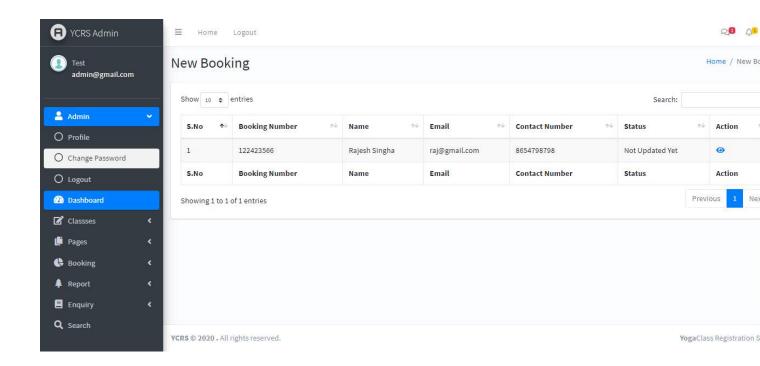
#### **About Us Page**



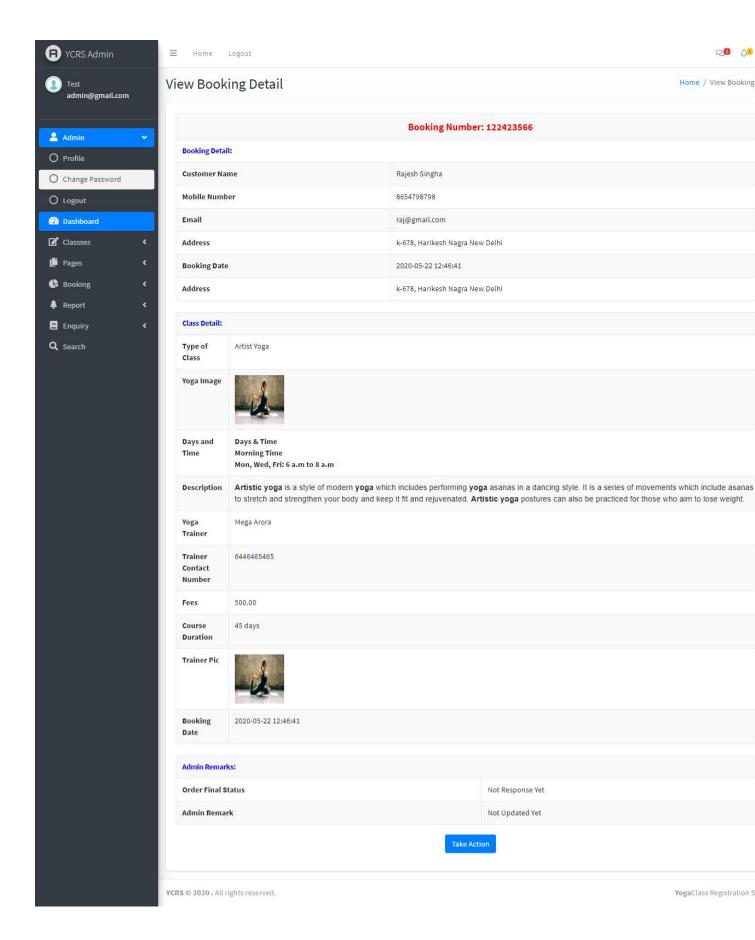
#### **Contact Us**



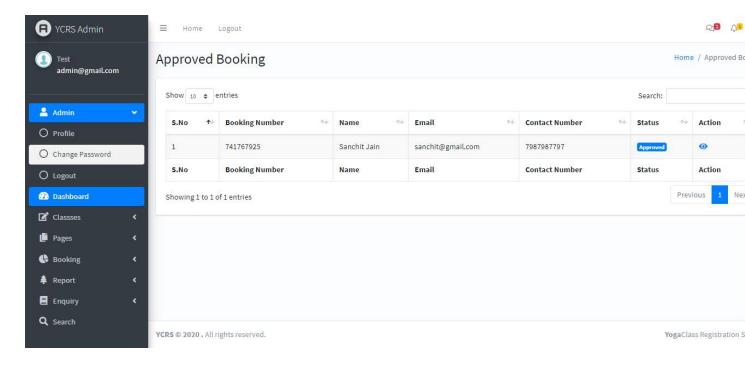
### **New Booking**



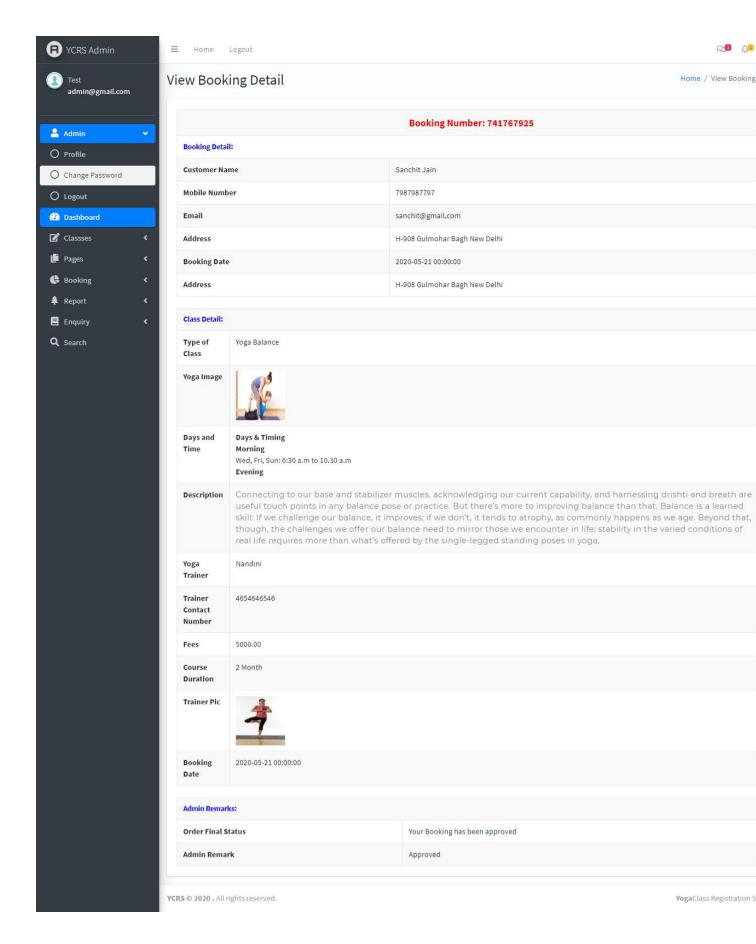
# **View New Booking**



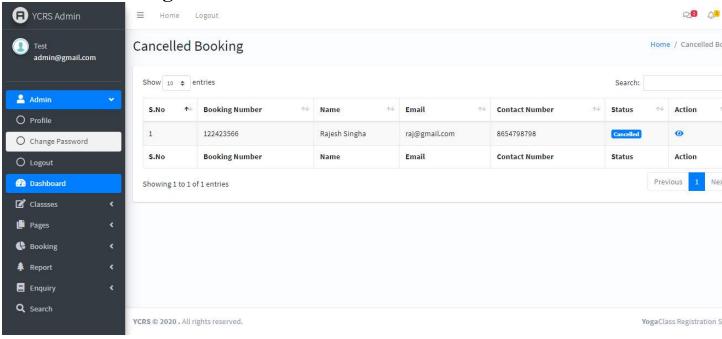
# **Approved Booking**



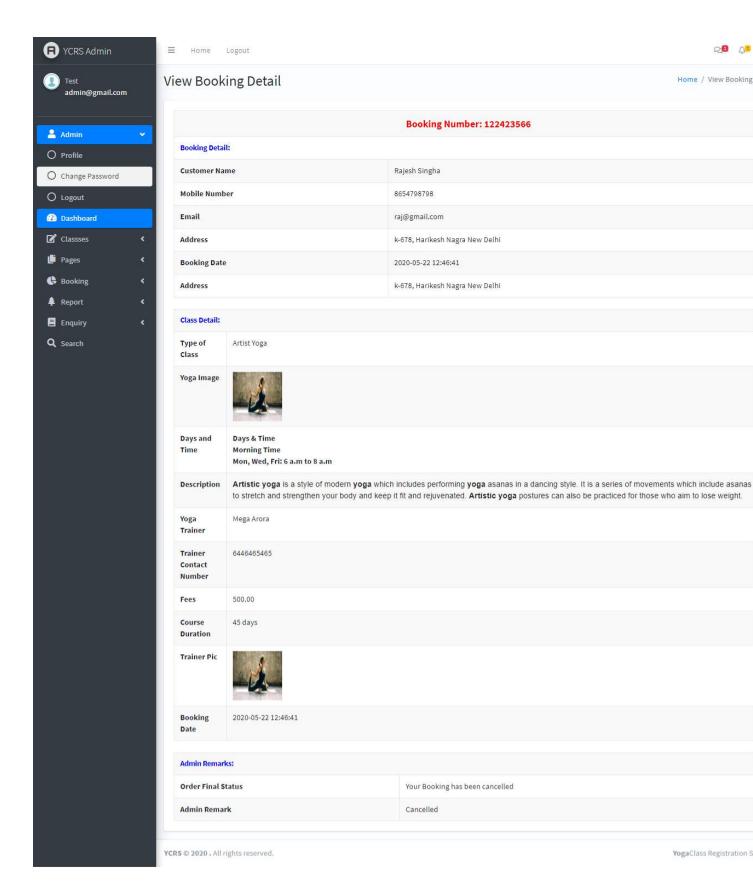


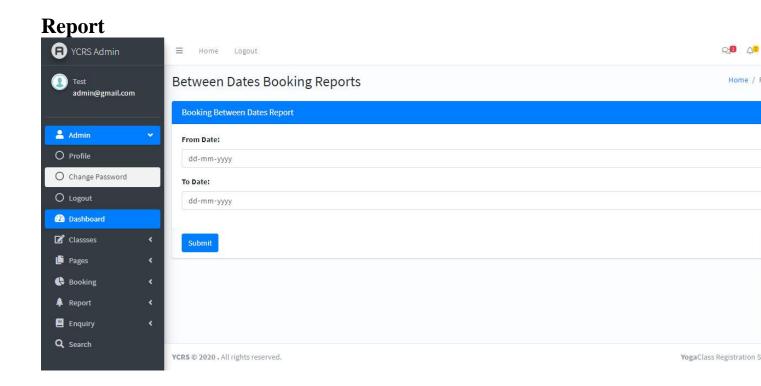


# **Cancelled Booking**

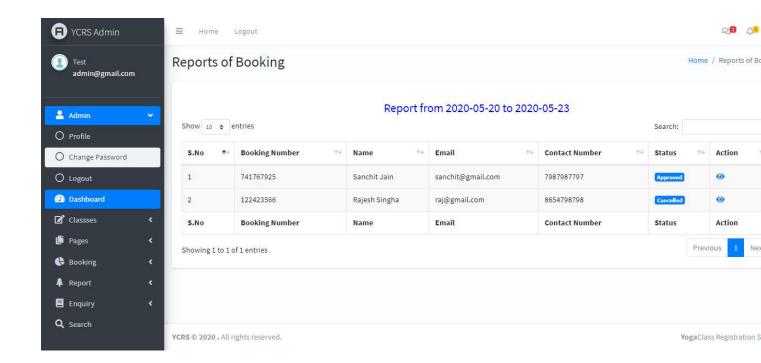




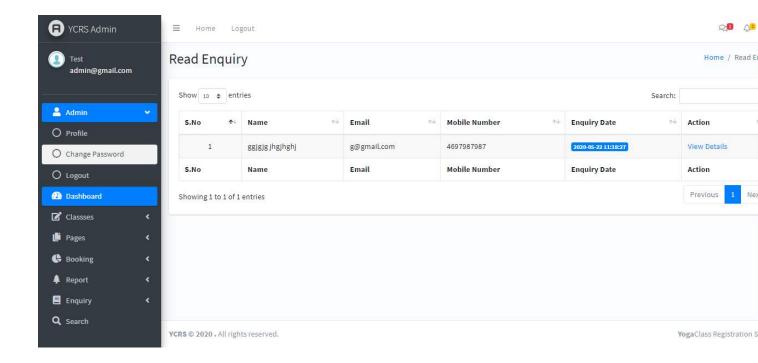




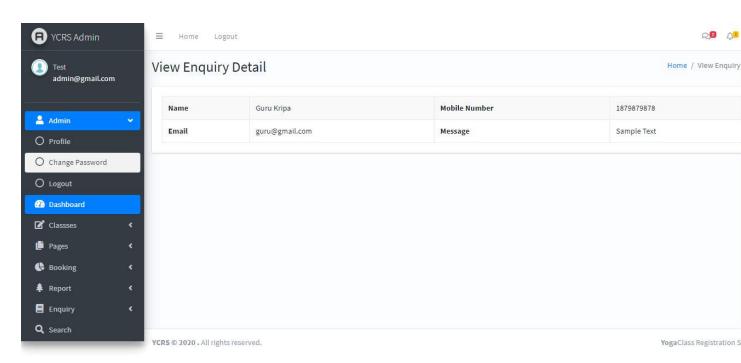
# **View Report**



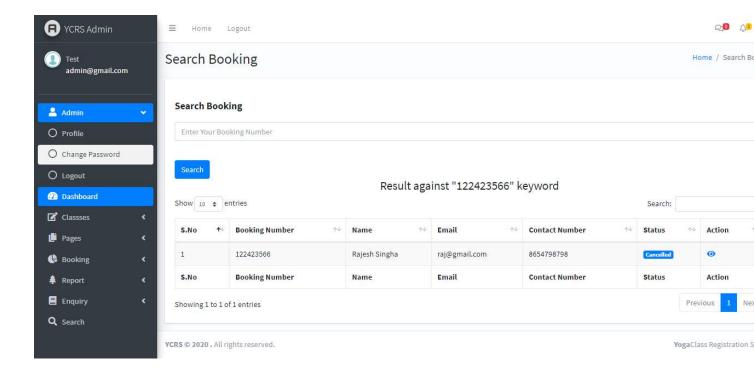
# **Enquiry**



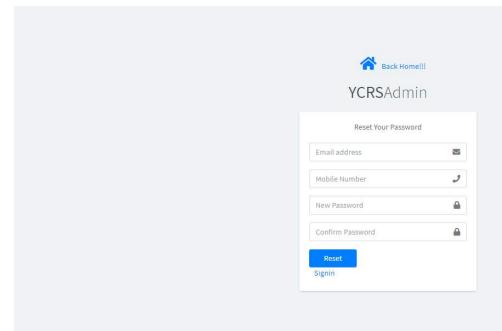
#### **View Enquiry**



### **Search Booking**



#### **Reset Password**



# **Conclusion**

This Project can be used by any yoga classes or yoga institution for keeping record of yoga students. This project is easy, fast and accurate. It requires less disk space. Yoga Classes Registration System uses MYSQL Server as backend so there is not any chance of data loss or data security and also help to users who search serviceman according to his/her requirement in their own locality.

It makes entire process online and can generate reports.

The Application was designed in such a way that future changes can be done easily. The following conclusions can be deduced from the development of the project.

- Automation of the entire system improves the productivity.
- It provides a friendly graphical user interface which proves to be better when compared to the existing system.
- It gives appropriate access to the authorized users depending on their permissions.
- It effectively overcomes the delay in communications.
- Updating of information becomes so easier.
- System security, data security and reliability are the striking features.
- The System has adequate scope for modification in future if it is necessary.

# **References**

#### **For PHP**

- https://www.w3schools.com/php/default.asp
- https://www.sitepoint.com/php/
- https://www.php.net/

#### For MySQL

- https://www.mysql.com/
- http://www.mysqltutorial.org

#### For XAMPP

https://www.apachefriends.org/download.html