Project Report
On

Yoga Class Registration System

By

Acknowledgement

I extend my deepest appreciation to my esteemed guide, Mr. XYZ 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.XYZ, 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.

Introduction

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

1. **Admin:** In this section, admin can update his/her profile, Change password and logout.
2. **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.
3. **Classes:** In this section, admin can manage classes(Add/Update/Delete).
4. **Pages:** In this section, admin can manage about us and contact us pages.
5. **Booking:** In this section, admin can view new, approved, cancelled bookings and also give a remark.
6. **Report**: In this section, admin can view the enquiry details and check booking details in a particular period.
7. **Enquiry:** In this section, admin can view and maintain the enquiry.
8. **Search:** In this section, admin can search for booking details with the help of his/her booking number.

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

1. **Home:** User can visit the website and check the detail of yoga classes.

2. **Classes:** In this section, user can view detail of yoga classes and book yoga classes.
3. **About Us**: User can see the details of the website.
4. **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:

Web Browser	Google Chrome or any compatible browser
Operating System	Windows or any equivalent OS

Server Side:

Web Server	APACHE
Server side Language	PHP5.6 or above version
Database Server	MYSQL
Web Browser	Google Chrome or any compatible 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.

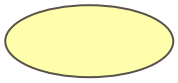
Preliminary design is concerned with the transformation of requirements into data

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.

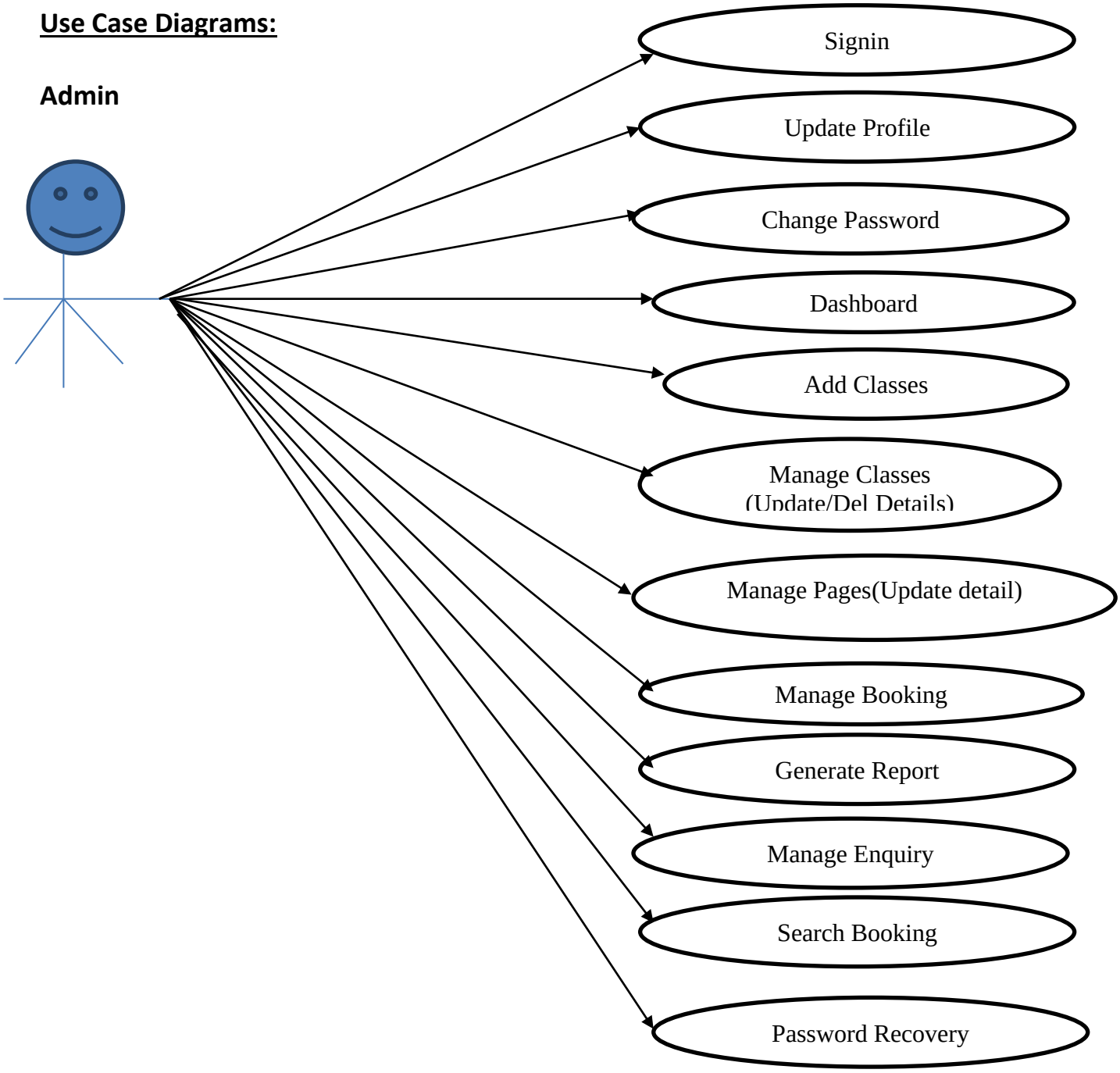
Use case diagram consists of use cases and actors and shows the interaction between the use case and actors.

- 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.

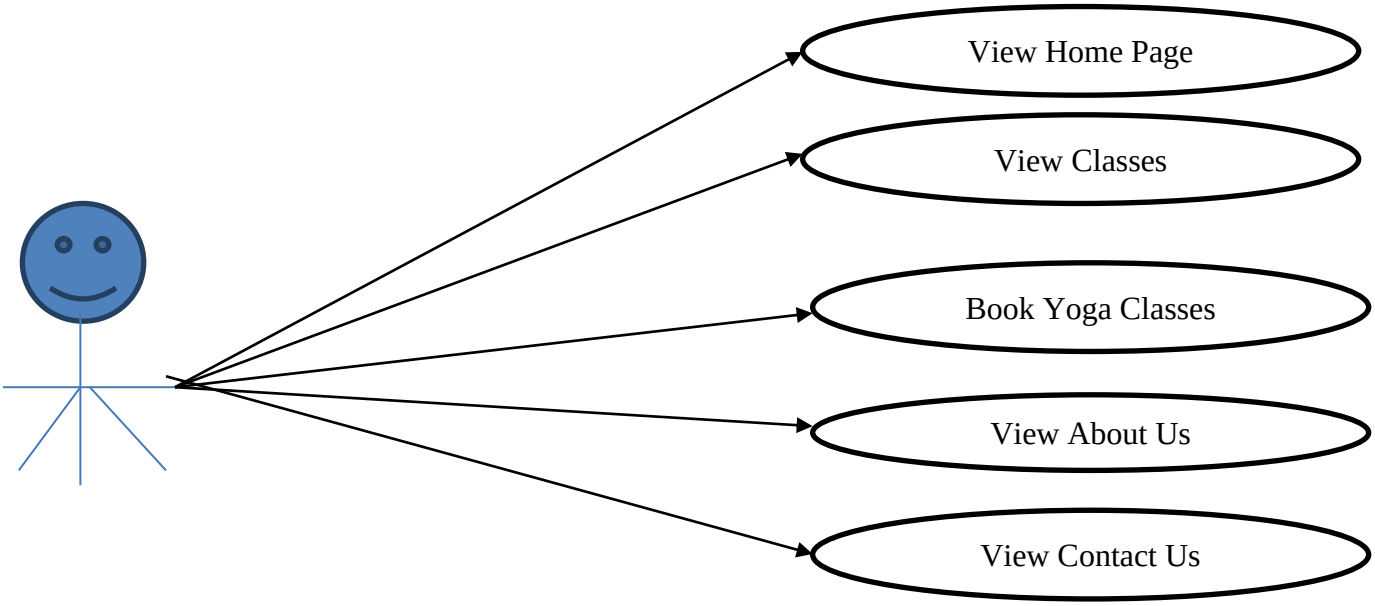
USECASE DIAGRAM: A Use case is a description of set of sequence of actions. Graphically it is rendered as an ellipse with solid line including only its name. Use case diagram is a behavioral diagram that shows a set of use cases and actors and their relationship. It is an association between the use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

Use Case Diagrams:

Admin

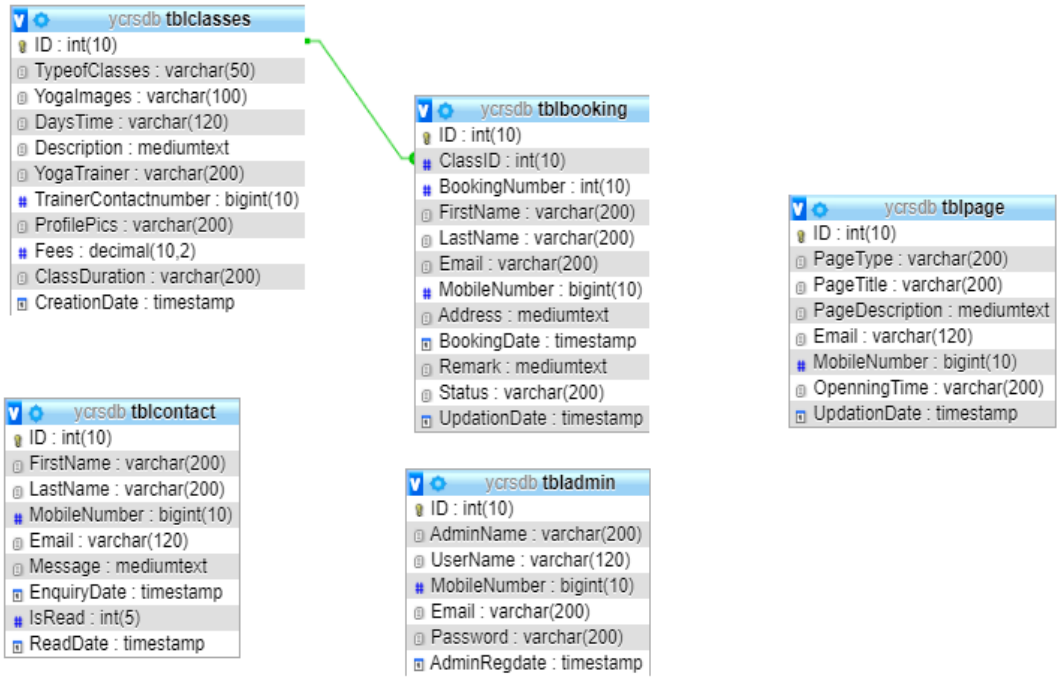


User


View Home Page
View Classes
Book Yoga Classes
View About Us
View Contact Us

Class Diagram:

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



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.

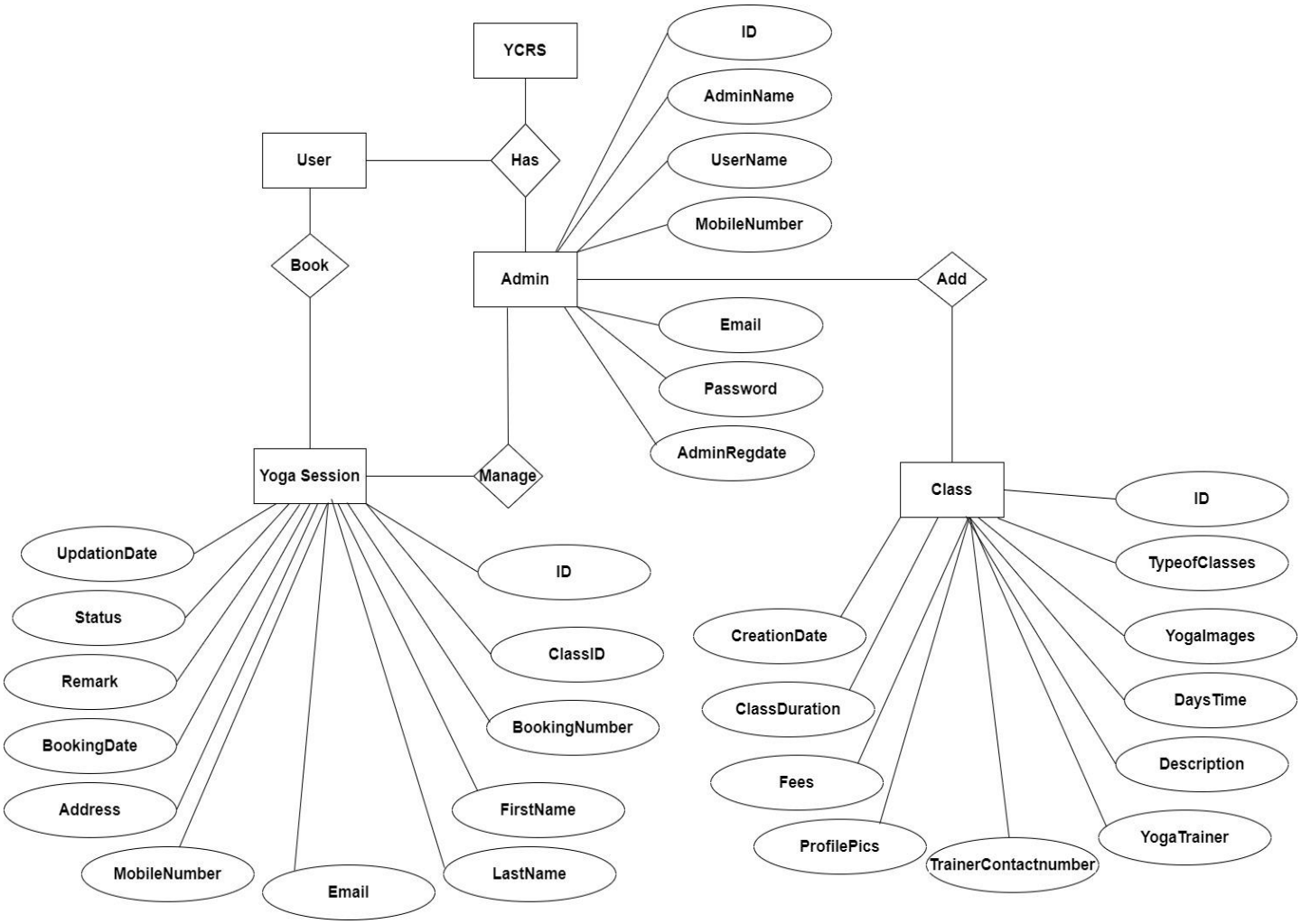
ER Notation

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.


YCRS
ID
AdminName
UserName
MobileNumber
User
Has
Book
Admin
Add
Email
Password
AdminRegdate
Yoga Session
Manage
Class
UpdationDate
Status
Remark
BookingDate
Address
MobileNumber
Email
LastName
FirstName
BookingNumber
ClassID
ID
CreationDate
ClassDuration
Fees
ProfilePics
TrainerContactnumber
YogaTrainer
Description
DaysTime
YogaImages
TypeofClasses
ID

MySQL Data Tables:

Admin Table:(Table name is tbladmin)

This store admin personal and login details.

#	Name	Type	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	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(10)			No	*None*		AUTO_INCREMENT
2	TypeofClasses	varchar(50)	utf8mb4_general_ci		Yes	*NULL*		
3	YogaImages	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		Yes	*NULL*		
7	TrainerContactnumber	bigint(10)			Yes	*NULL*		
8	ProfilePics	varchar(200)	utf8mb4_general_ci		Yes	*NULL*		
9	Fees	decimal(10,2)			No	*None*		
10	ClassDuration	varchar(200)	utf8mb4_general_ci		No	*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	Type	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_TIMESTAMP()

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

#	Name	Type	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_TIMESTAMP()

Pages Table(table name tblpage)
This table store about us contact us detail.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	ID	int(10)			No	*None*		AUTO_INCREMENT
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.

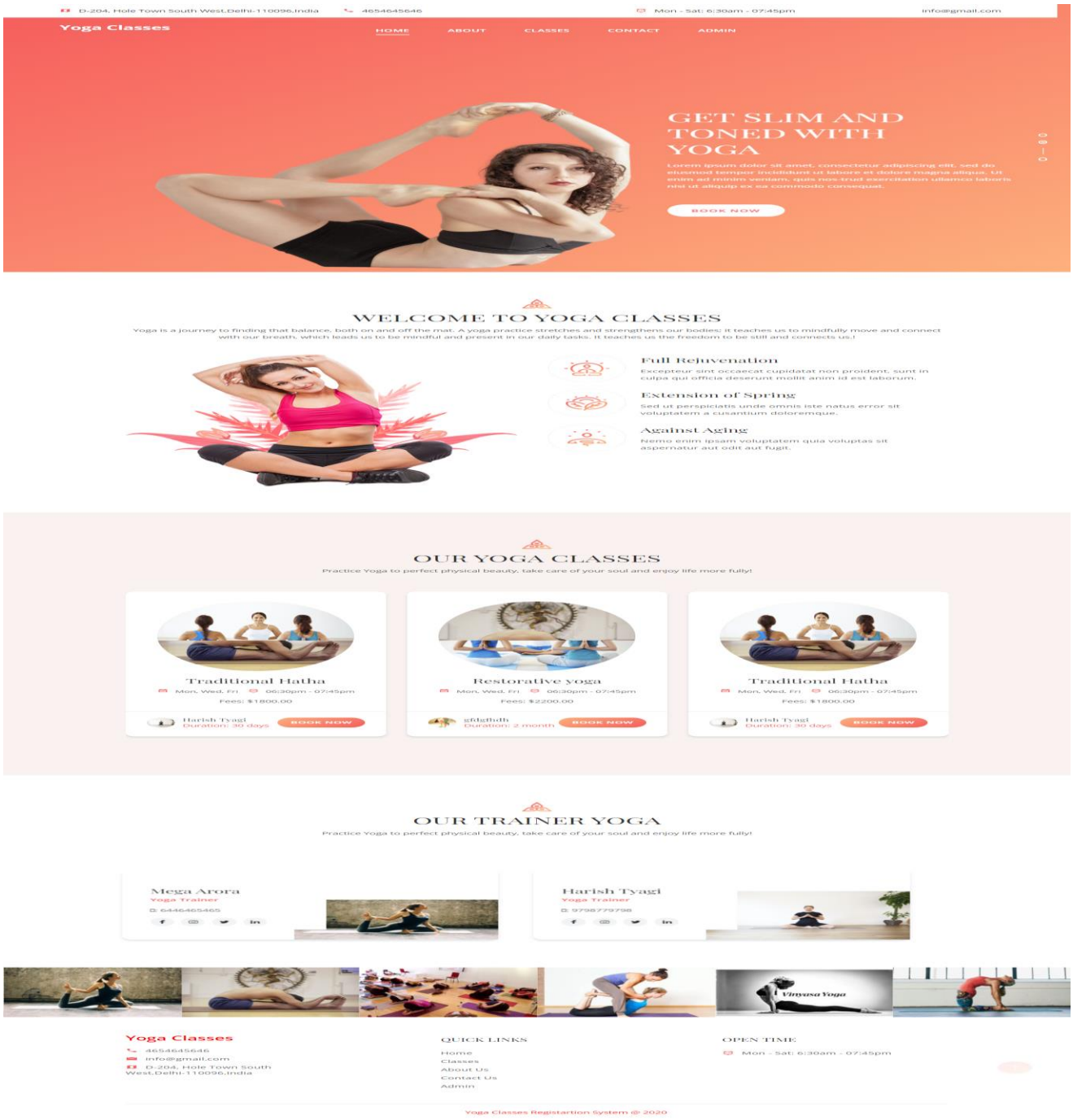
INTEGRATION TESTING

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.

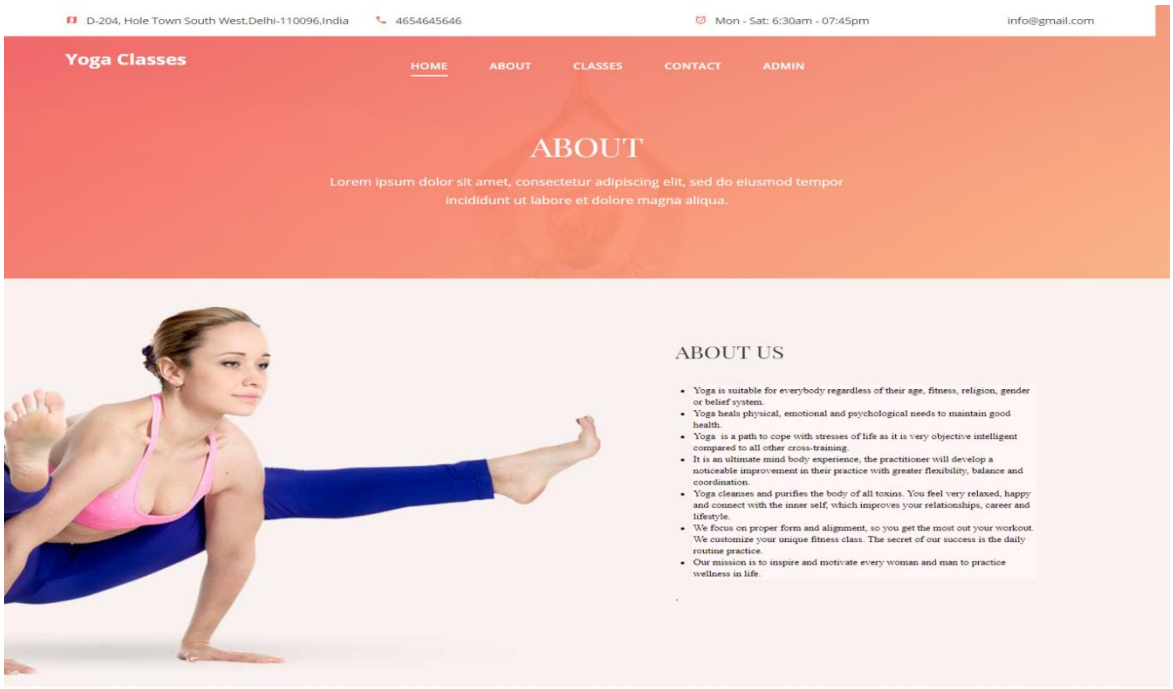
Evaluation

Project URL: http://localhost/ycrs

Home Page

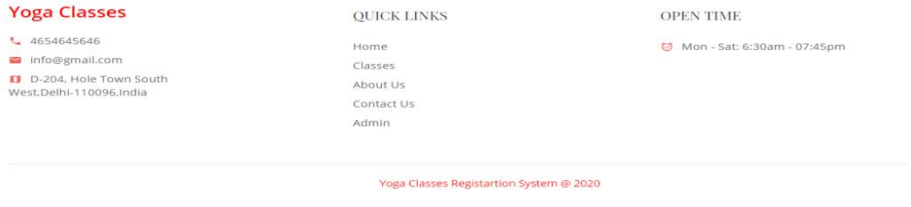


About Us

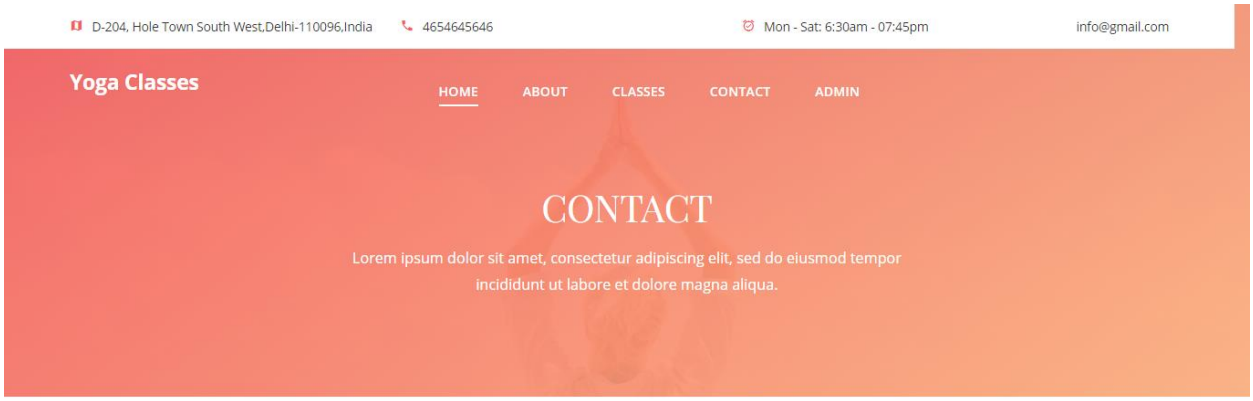

D-204, Hole Town South West,Delhi-110096,India
4654645646
Mon - Sat: 6:30am - 07:45pm
info@gmail.com
Yoga Classes
HOME
ABOUT
CLASSES
CONTACT
ADMIN
ABOUT
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do elusmod tempor incididunt ut labore et dolore magna aliqua.
ABOUT US
Yoga is suitable for everybody regardless of their age, fitness, religion, gender or belief system.
Yoga heals physical, emotional and psychological needs to maintain good health.
Yoga is a path to cope with stresses of life as it is very objective intelligent compared to all other cross-training.
It is an ultimate mind body experience, the practitioner will develop a noticeable improvement in their practice with greater flexibility, balance and coordination.
Yoga cleanses and purifies the body of all toxins. You feel very relaxed, happy and connect with the inner self, which improves your relationships, career and lifestyle.
We focus on proper form and alignment, so you get the most out your workout. We customize your unique fitness class. The secret of our success is the daily routine practice.
Our mission is to inspire and motivate every woman and man to practice wellness in life.

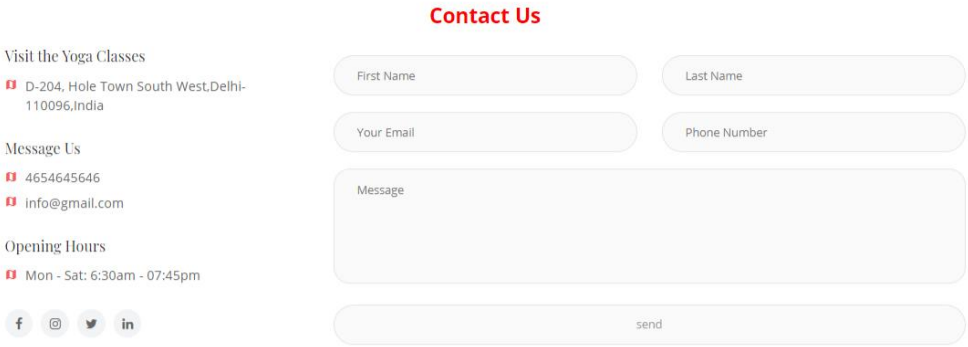

OUR YOGA TRAINER
Practice Yoga to perfect physical beauty, take care of your soul and enjoy life more fully!
Kailash Kasturba
Yoga Trainer
6573198798
Sailesh Sharma
Yoga Trainer
2446797997


Vinyasa Yoga

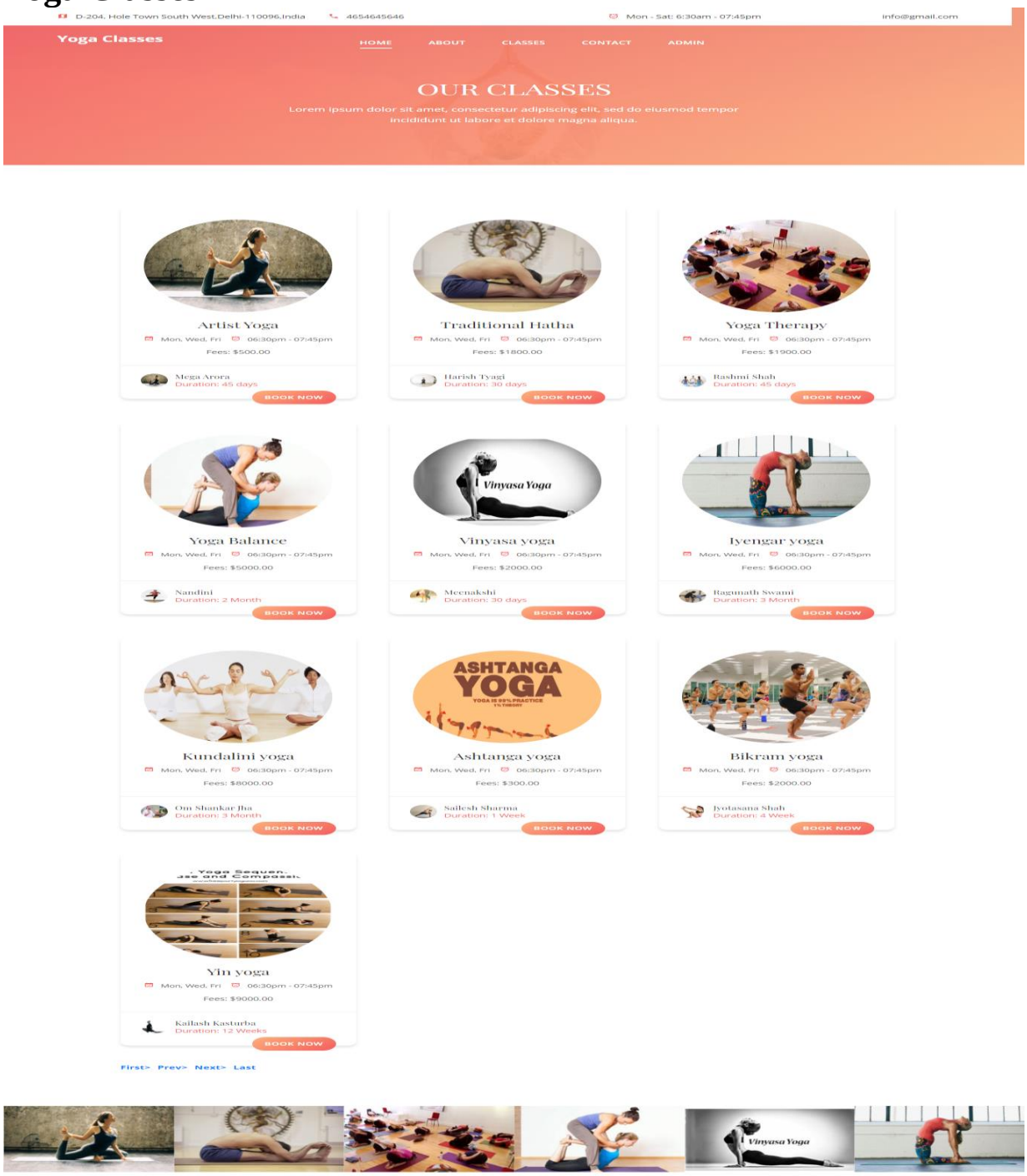

Yoga Classes
4654645646
info@gmail.com
D-204, Hole Town South West,Delhi-110096,India
QUICK LINKS
Home
Classes
About Us
Contact Us
Admin
OPEN TIME
Mon - Sat: 6:30am - 07:45pm
Yoga Classes Registartion System @ 2020

Contact Us

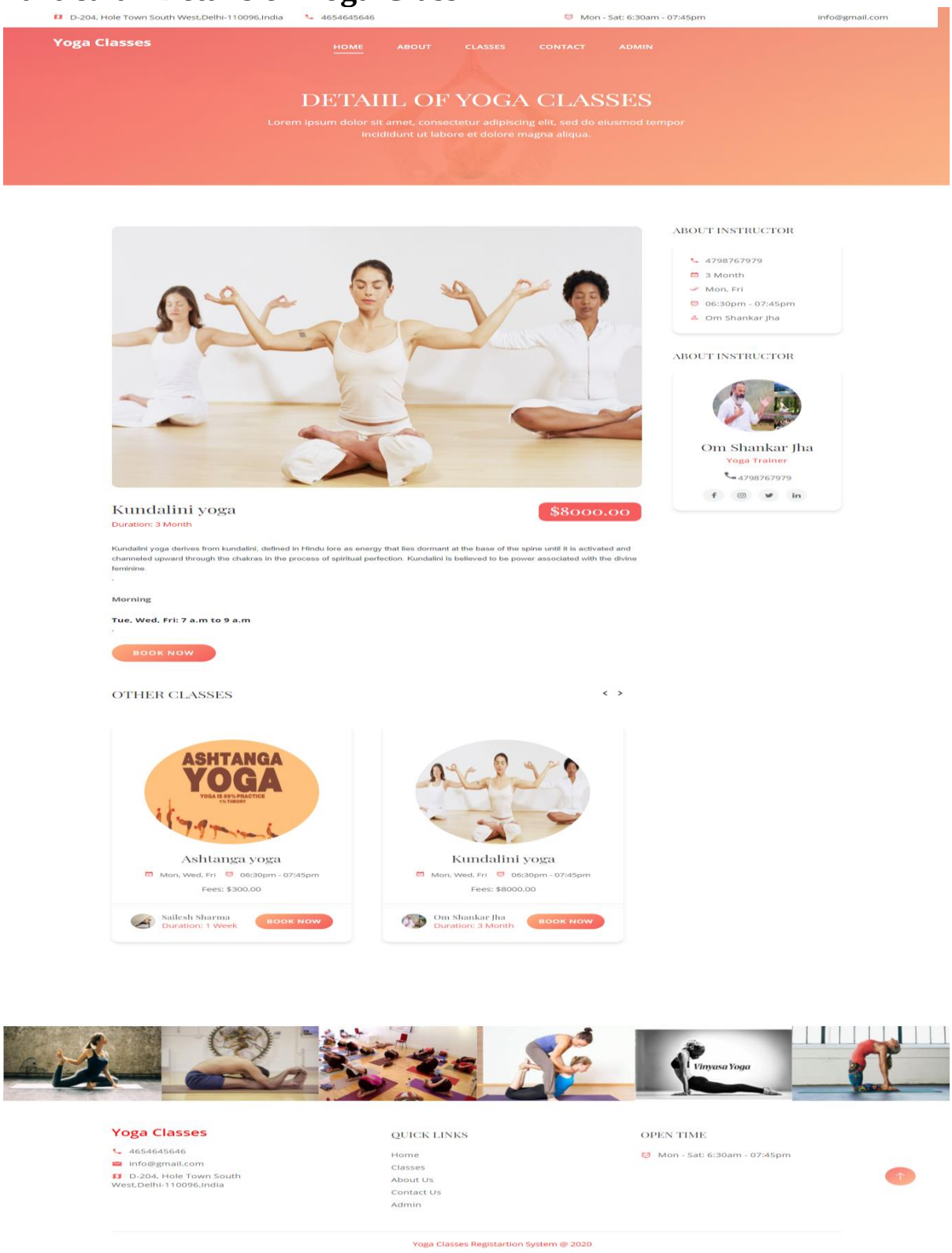

D-204, Hole Town South West,Delhi-110096,India
4654645646
Mon - Sat: 6:30am - 07:45pm
info@gmail.com
Yoga Classes
HOME
ABOUT
CLASSES
CONTACT
ADMIN
CONTACT
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.


Contact Us
Visit the Yoga Classes
D-204, Hole Town South West,Delhi-110096,India
Message Us
4654645646
info@gmail.com
Opening Hours
Mon - Sat: 6:30am - 07:45pm
First Name
Last Name
Your Email
Phone Number
Message
send

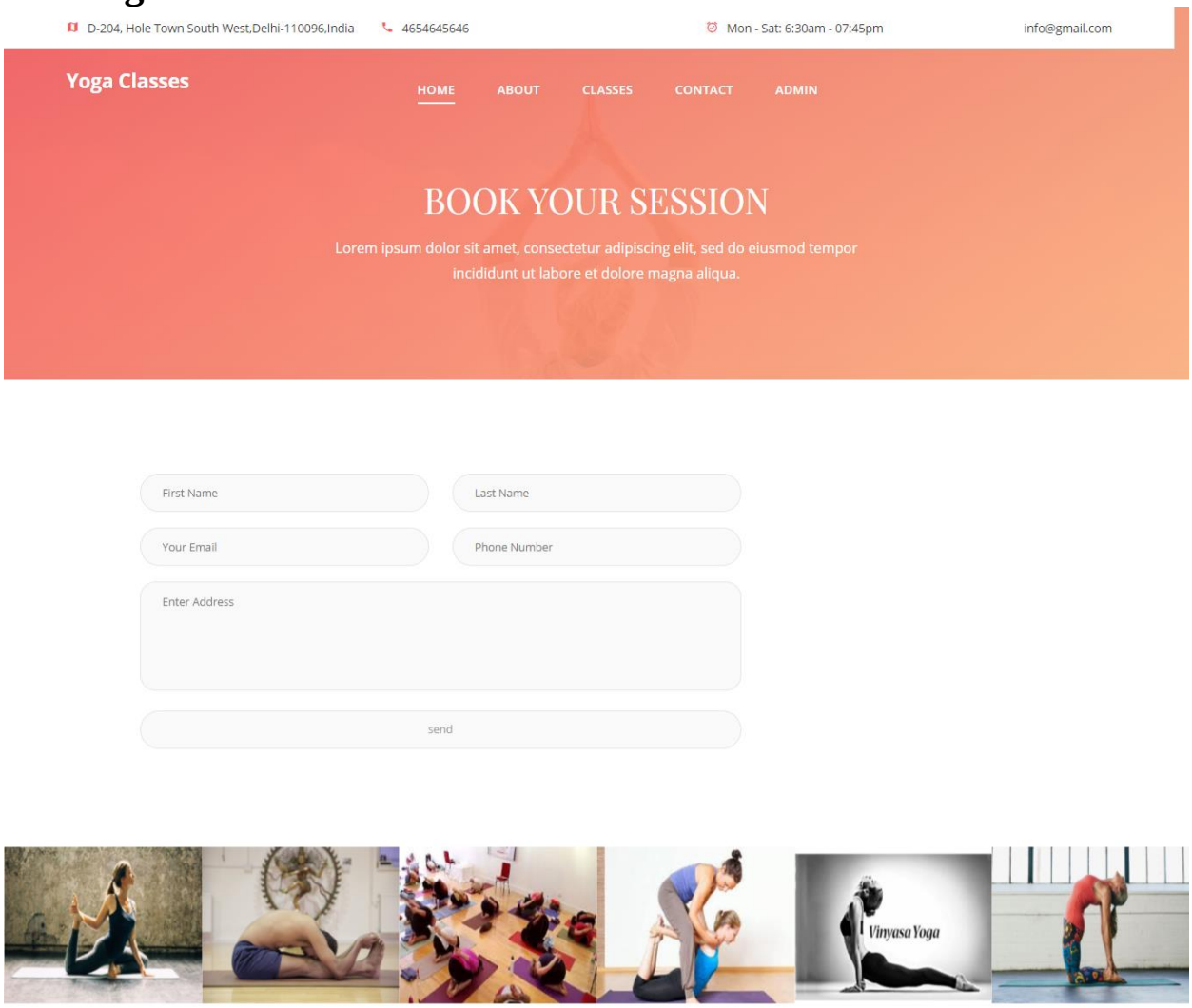
Yoga Classes



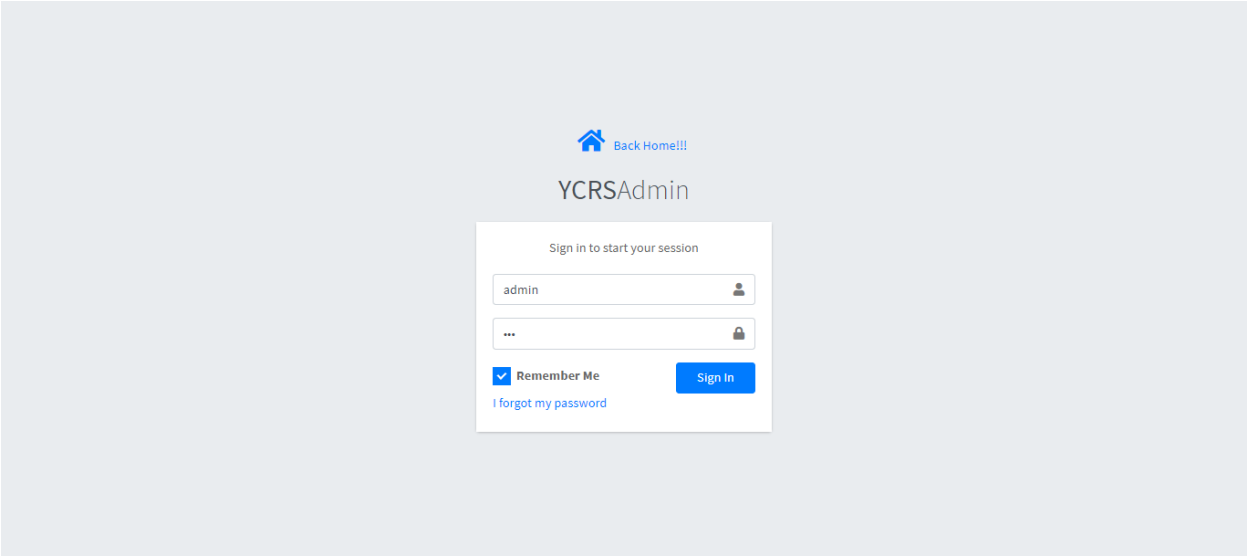
Particular Details of Yoga Class



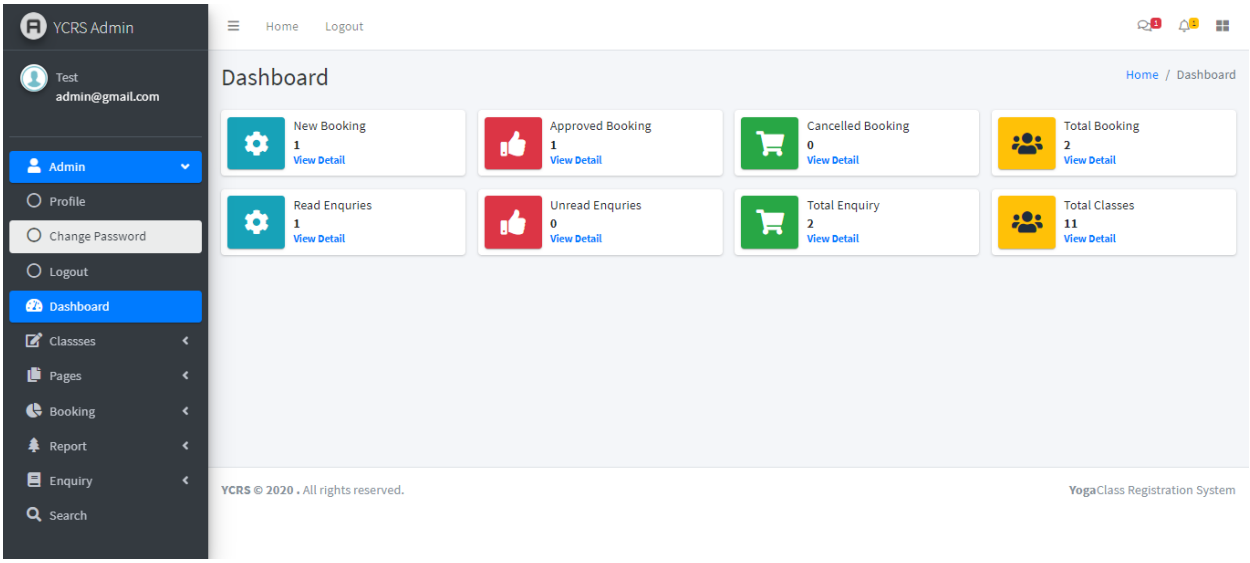
Booking Form



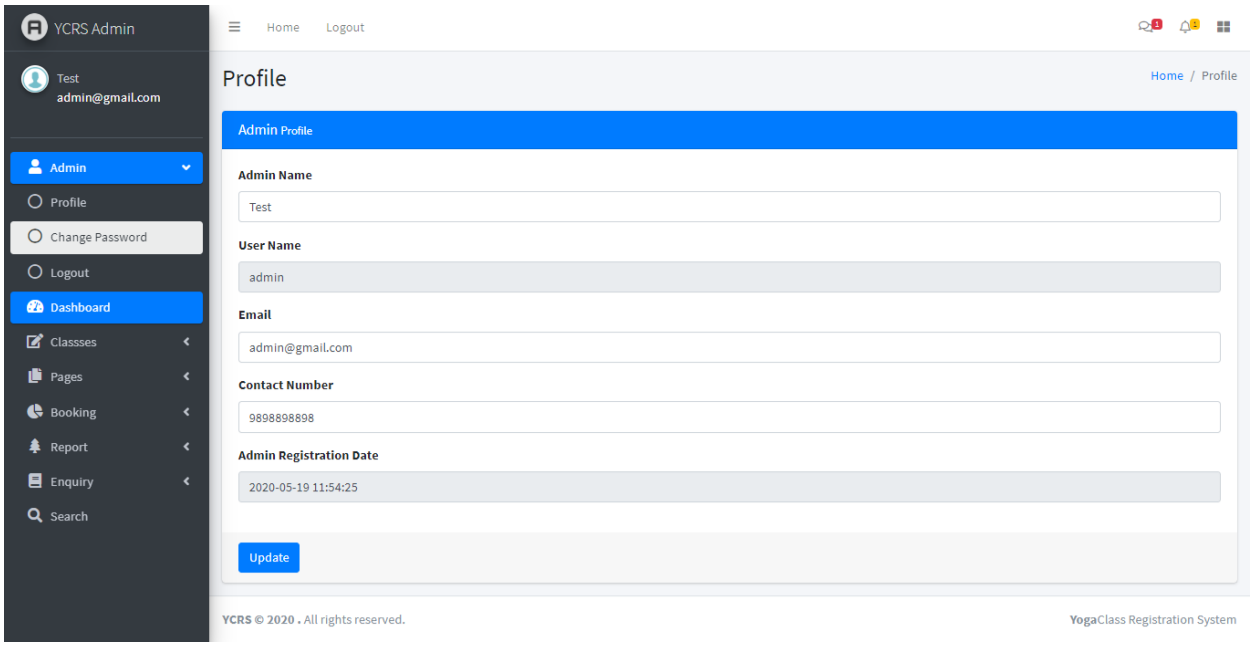
Admin Login



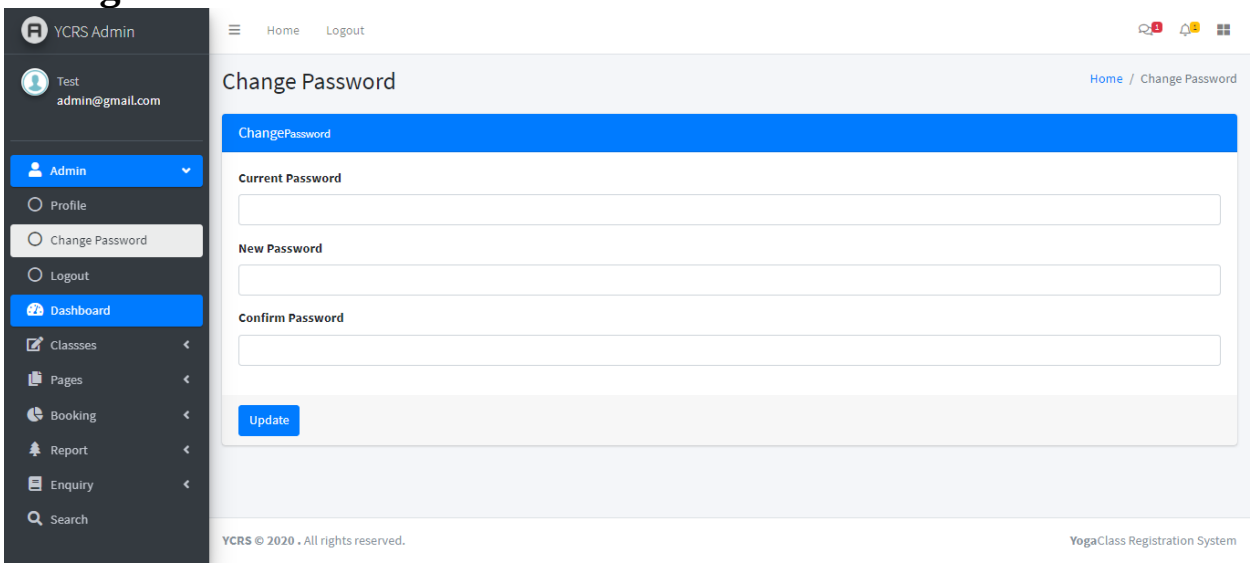
Dashboard



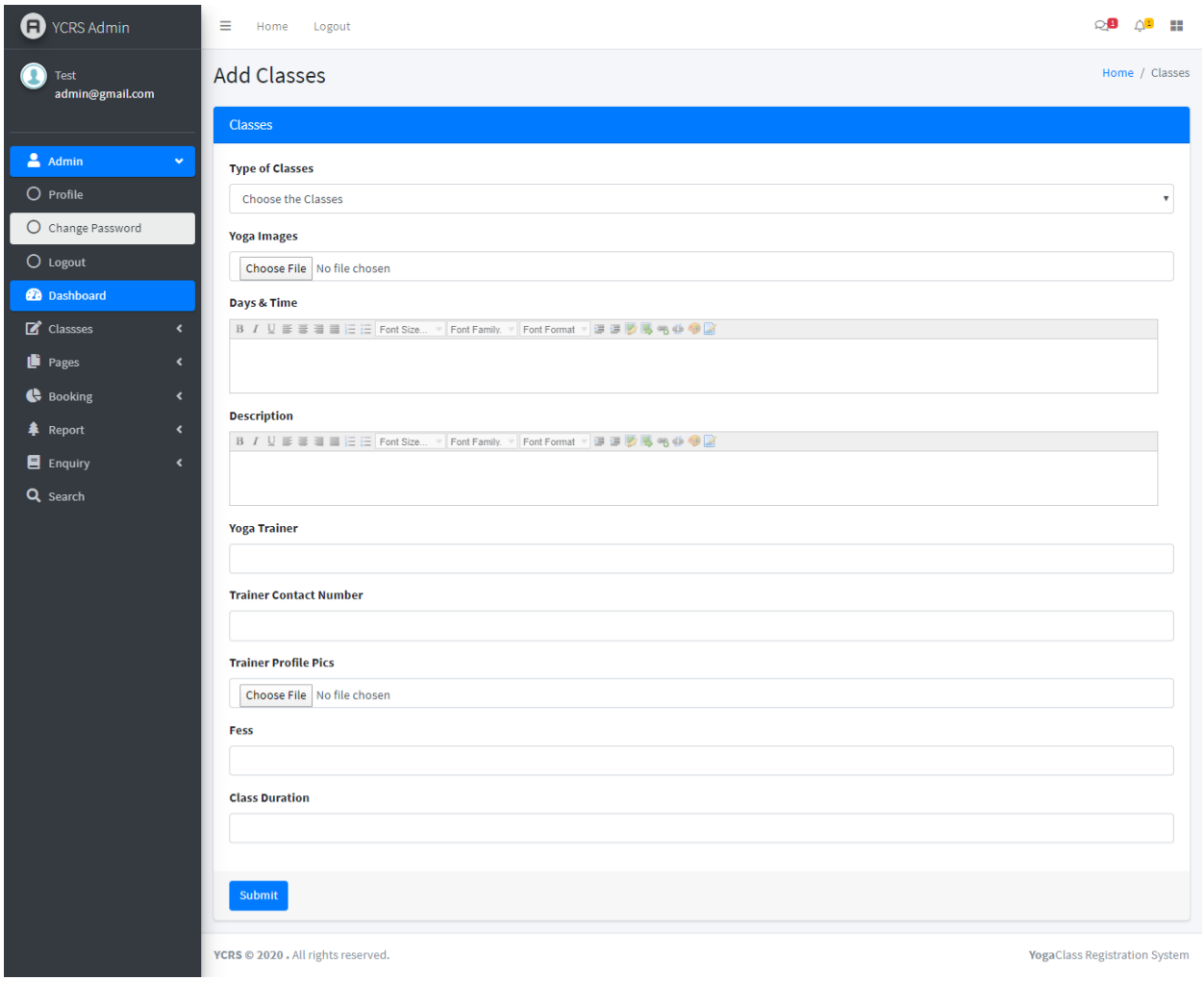
Admin Profile



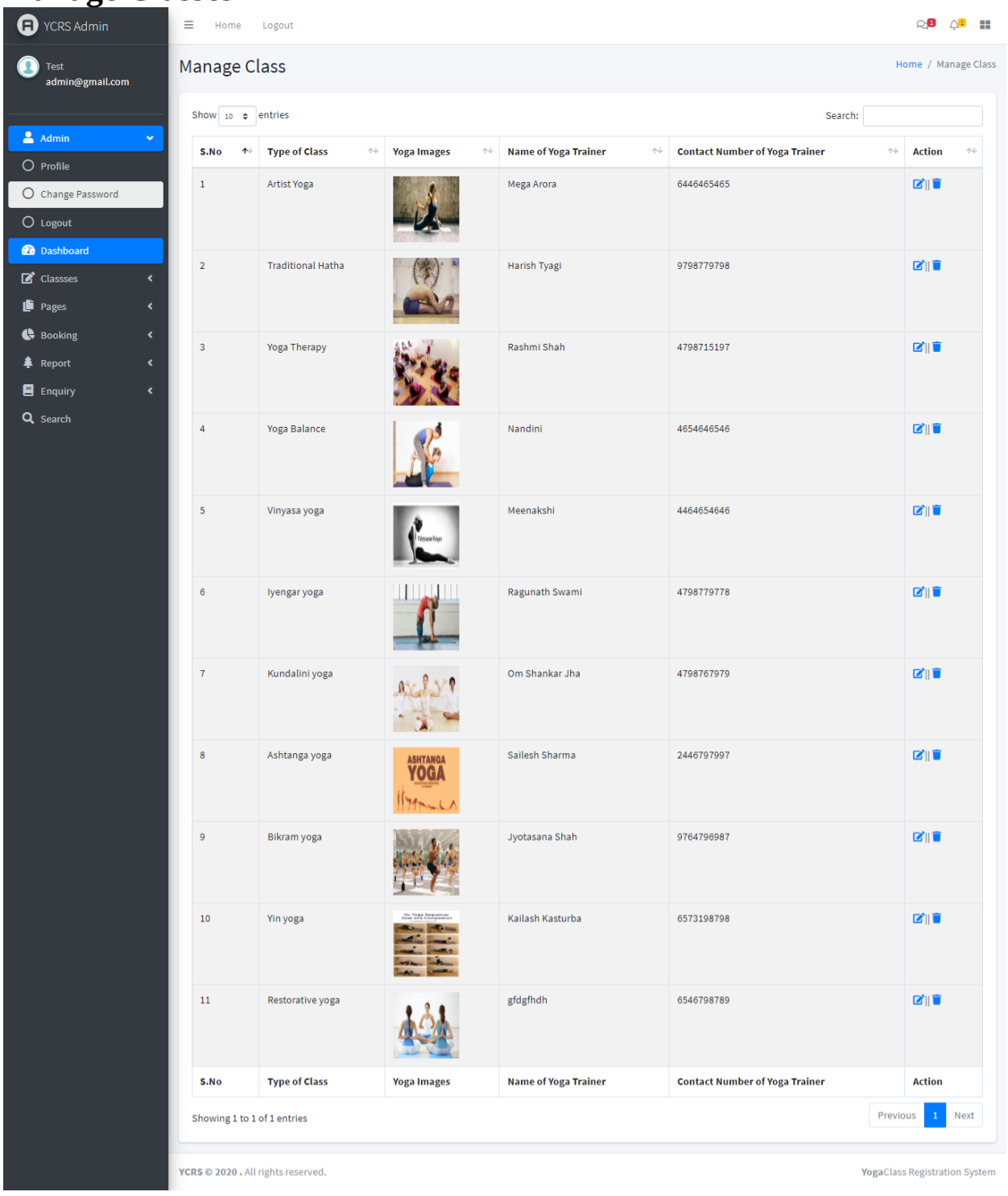
Change Password



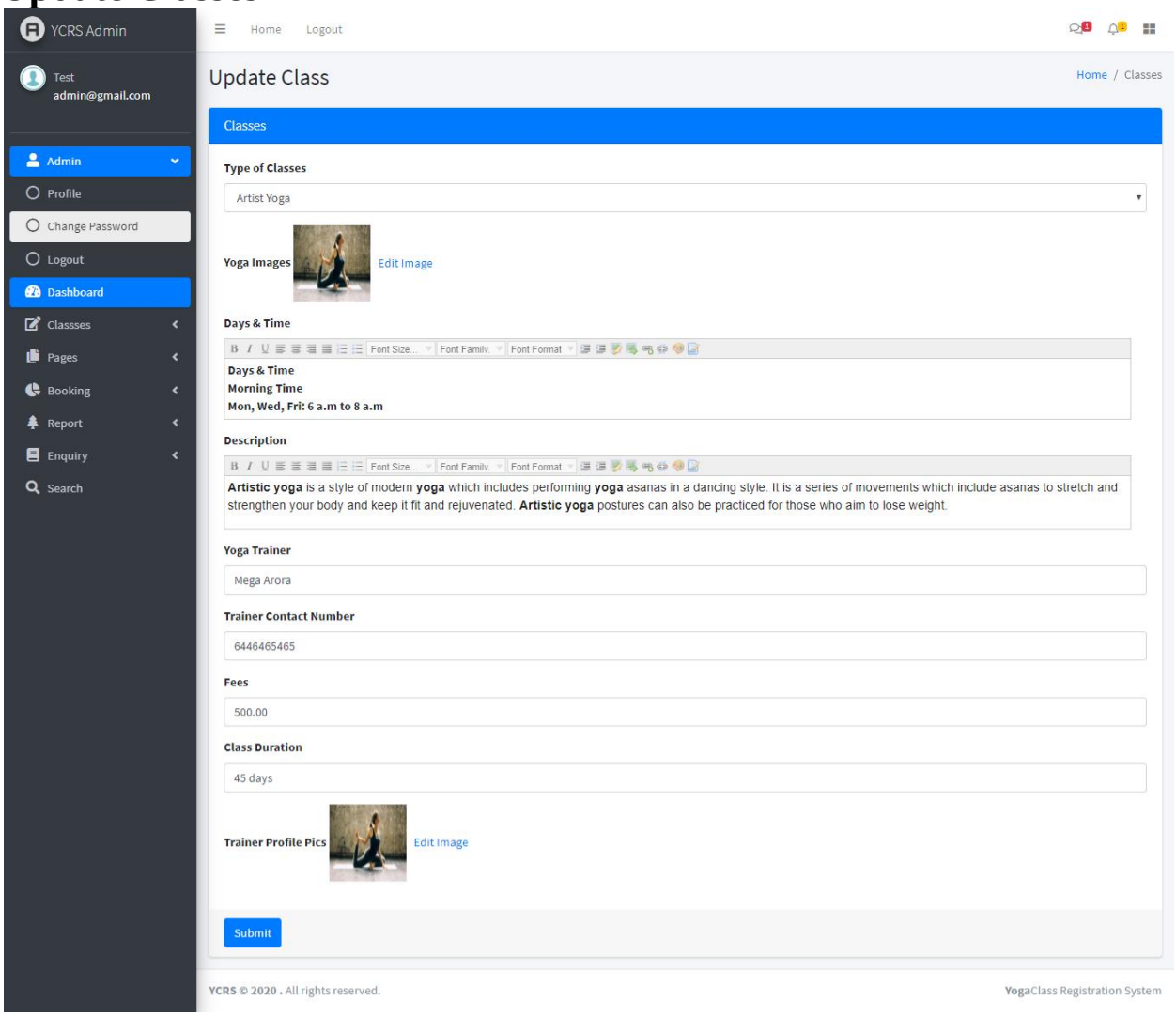
Add Classes


YCRS Admin
Home
Logout
Test
admin@gmail.com
Admin
Profile
Change Password
Logout
Dashboard
Classses
Pages
Booking
Report
Enquiry
Search
Add Classes
Home / Classes
Classes
Type of Classes
Choose the Classes
Yoga Images
Choose File
No file chosen
Days & Time
Font Size...
Font Family
Font Format
Description
Yoga Trainer
Trainer Contact Number
Trainer Profile Pics
Fess
Class Duration
Submit
YCRS © 2020 . All rights reserved.
YogaClass Registration System

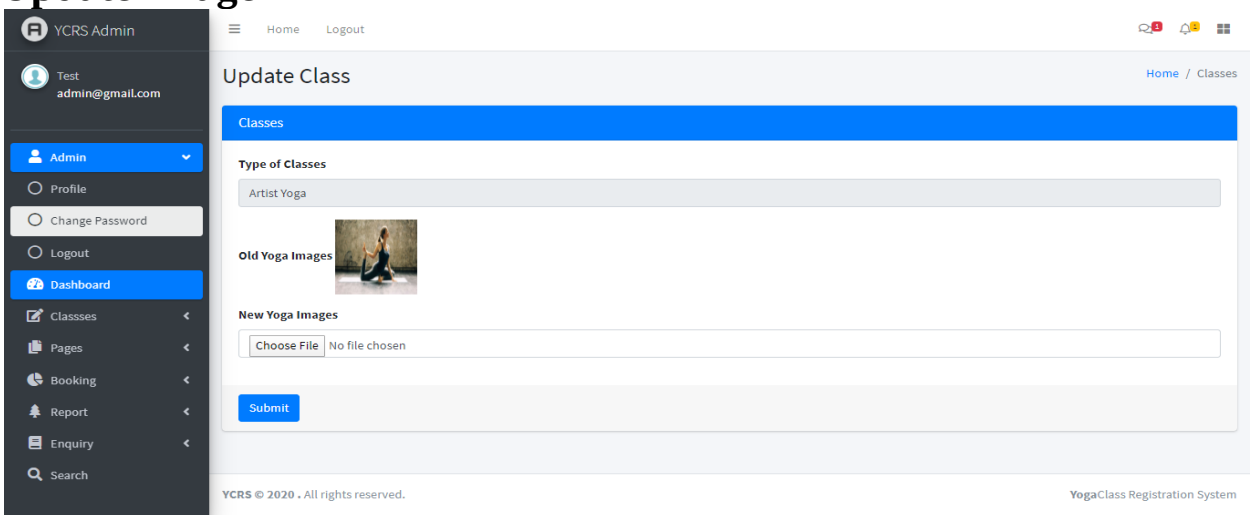
Manage Classes



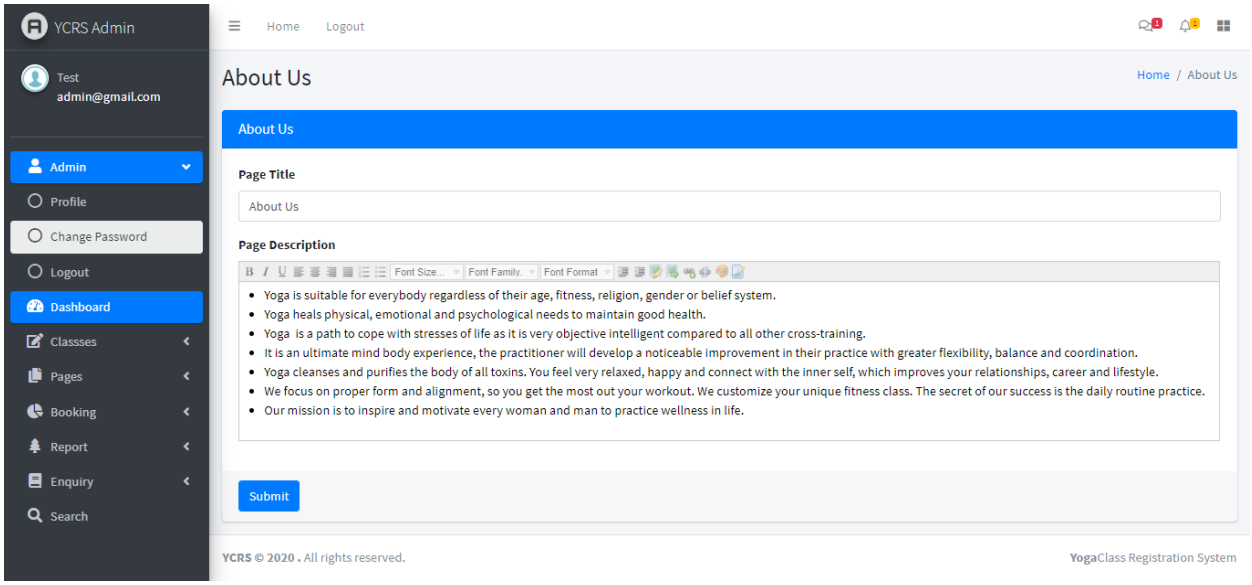
Update Classes



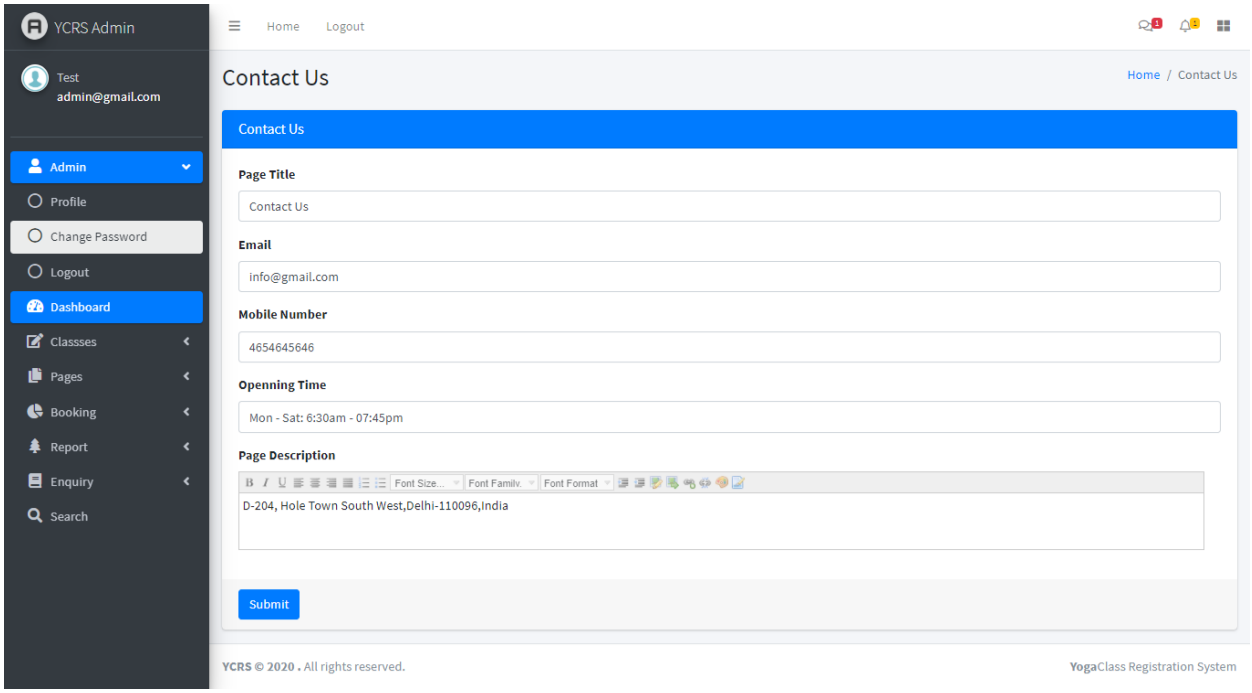
Update Image



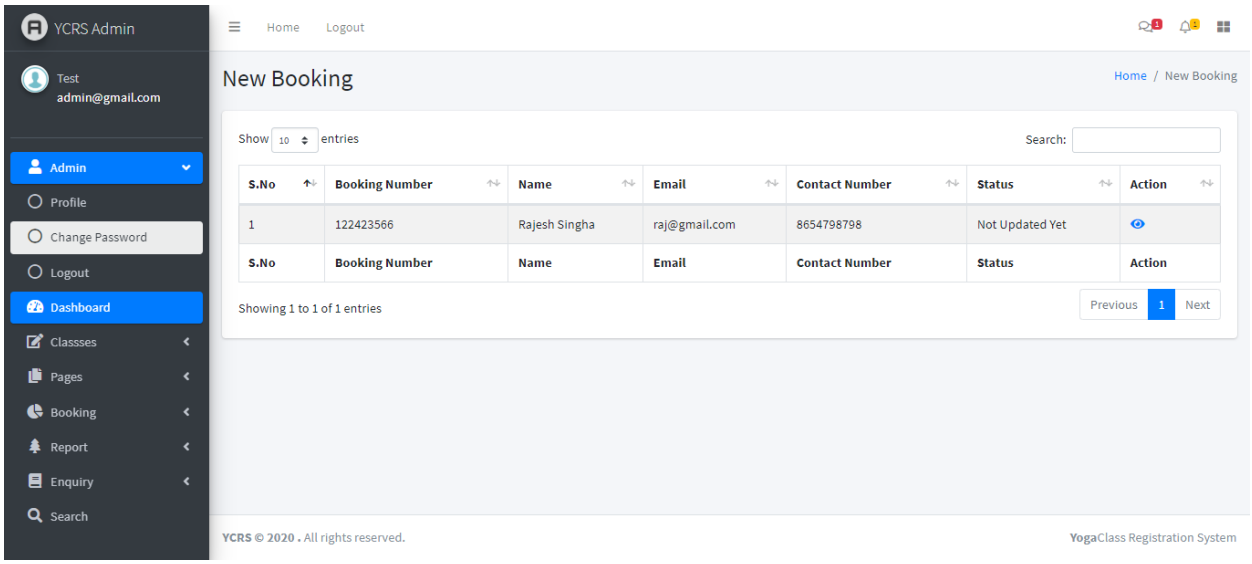
About Us Page



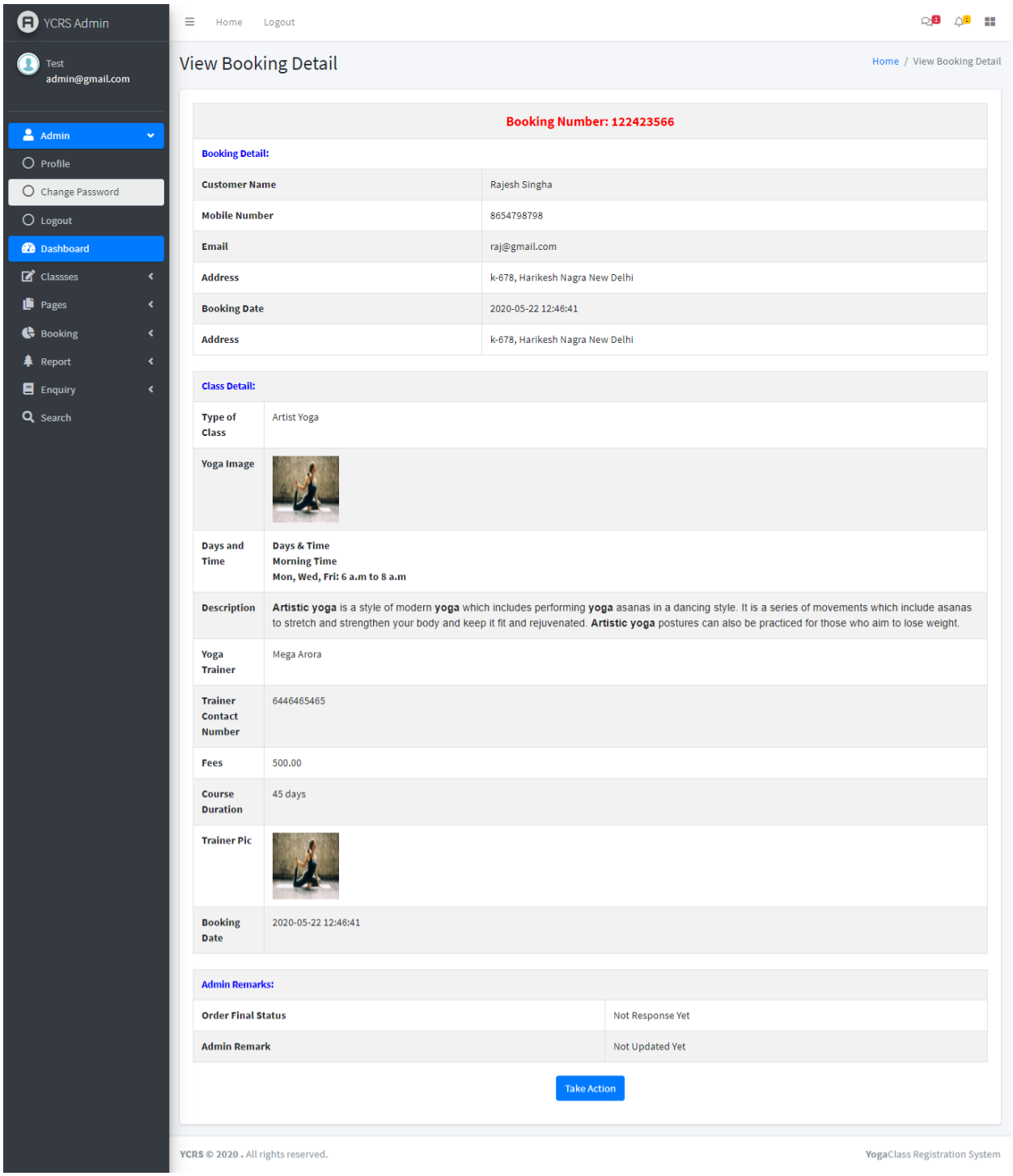
Contact Us



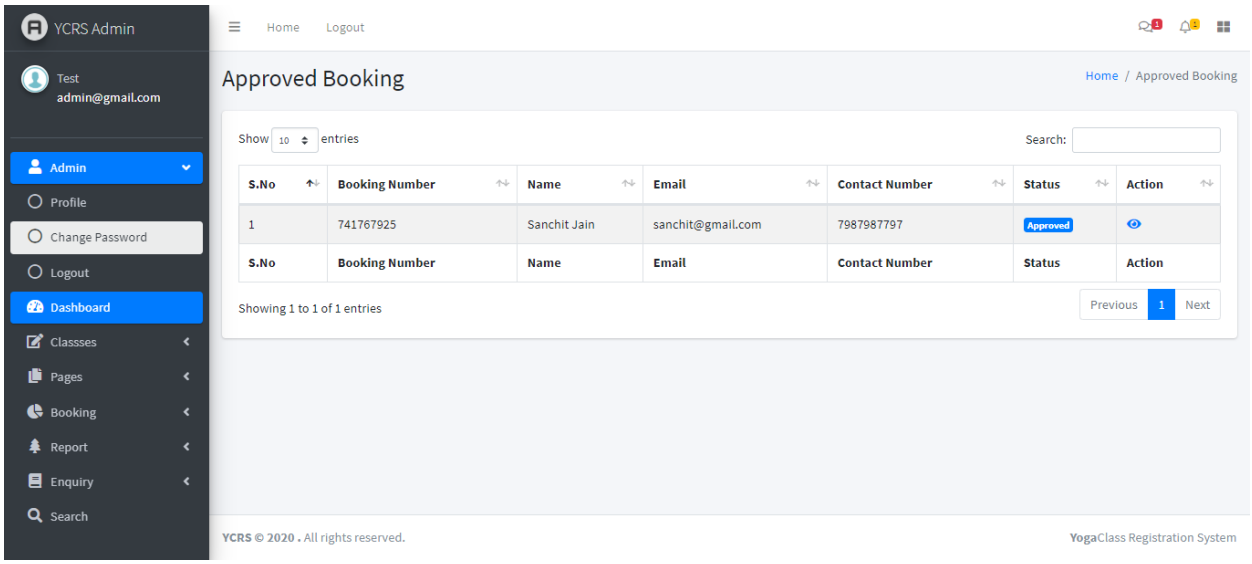
New Booking


YCRS Admin
Test
admin@gmail.com
Admin
Profile
Change Password
Logout
Dashboard
Classses
Pages
Booking
Report
Enquiry
Search
Home
Logout
New Booking
Home / New Booking
Show 10 entries
Search:
S.No
Booking Number
Name
Email
Contact Number
Status
Action
1
122423566
Rajesh Singha
raj@gmail.com
8654798798
Not Updated Yet
Showing 1 to 1 of 1 entries
Previous
1
Next
YCRS © 2020 . All rights reserved.
YogaClass Registration System

View New Booking



Approved Booking



View Approved Booking

YCRS Admin

Test
admin@gmail.com

- Admin
- Profile
- Change Password
- Logout
- Dashboard
- Classses
- Pages
- Booking
- Report
- Enquiry
- Search

Home Logout

View Booking Detail

Home / View Booking Detail

Booking Number: 741767925

Booking Detail:

Customer Name	Sanchit Jain
Mobile Number	7987987797
Email	sanchit@gmail.com
Address	H-908 Gulmohar Bagh New Delhi
Booking Date	2020-05-21 00:00:00
Address	H-908 Gulmohar Bagh New Delhi

Class Detail:

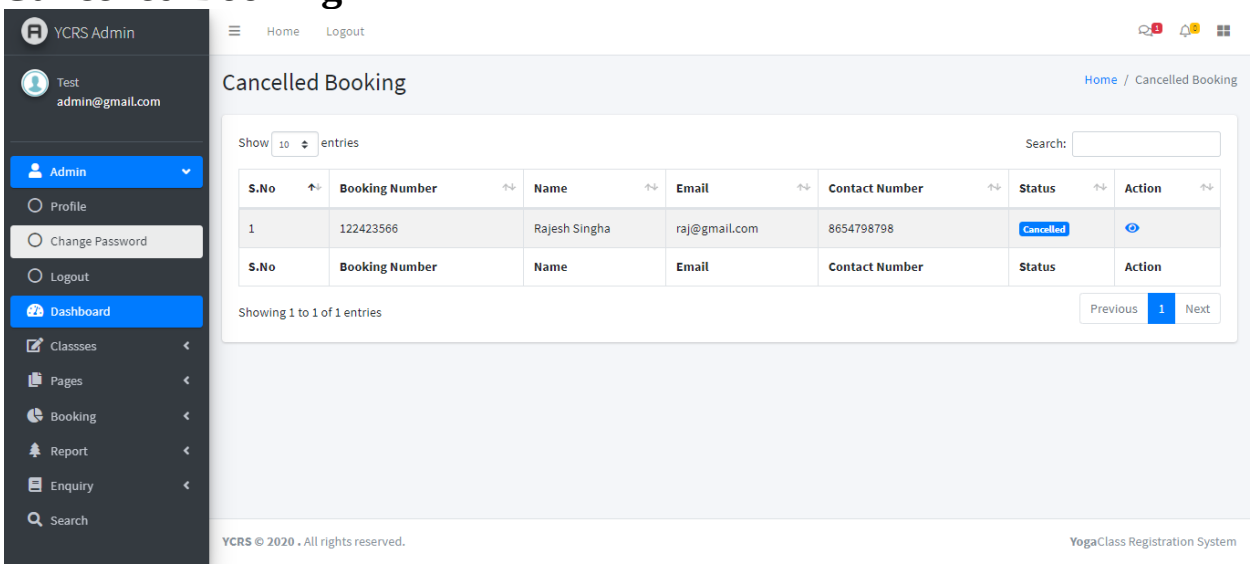
Type of Class	Yoga Balance
Yoga Image	
Days and Time	**Days & Timing** **Morning** Wed, Fri, Sun: 6:30 a.m to 10.30 a.m **Evening**
Description	Connecting to our base and stabilizer muscles, acknowledging our current capability, and harnessing drishti and breath are useful touch points in any balance pose or practice. But there's more to improving balance than that. Balance is a learned skill: If we challenge our balance, it improves; if we don't, it tends to atrophy, as commonly happens as we age. Beyond that, though, the challenges we offer our balance need to mirror those we encounter in life; stability in the varied conditions of real life requires more than what's offered by the single-legged standing poses in yoga.
Yoga Trainer	Nandini
Trainer Contact Number	4654646546
Fees	5000.00
Course Duration	2 Month
Trainer Pic	
Booking Date	2020-05-21 00:00:00

Admin Remarks:

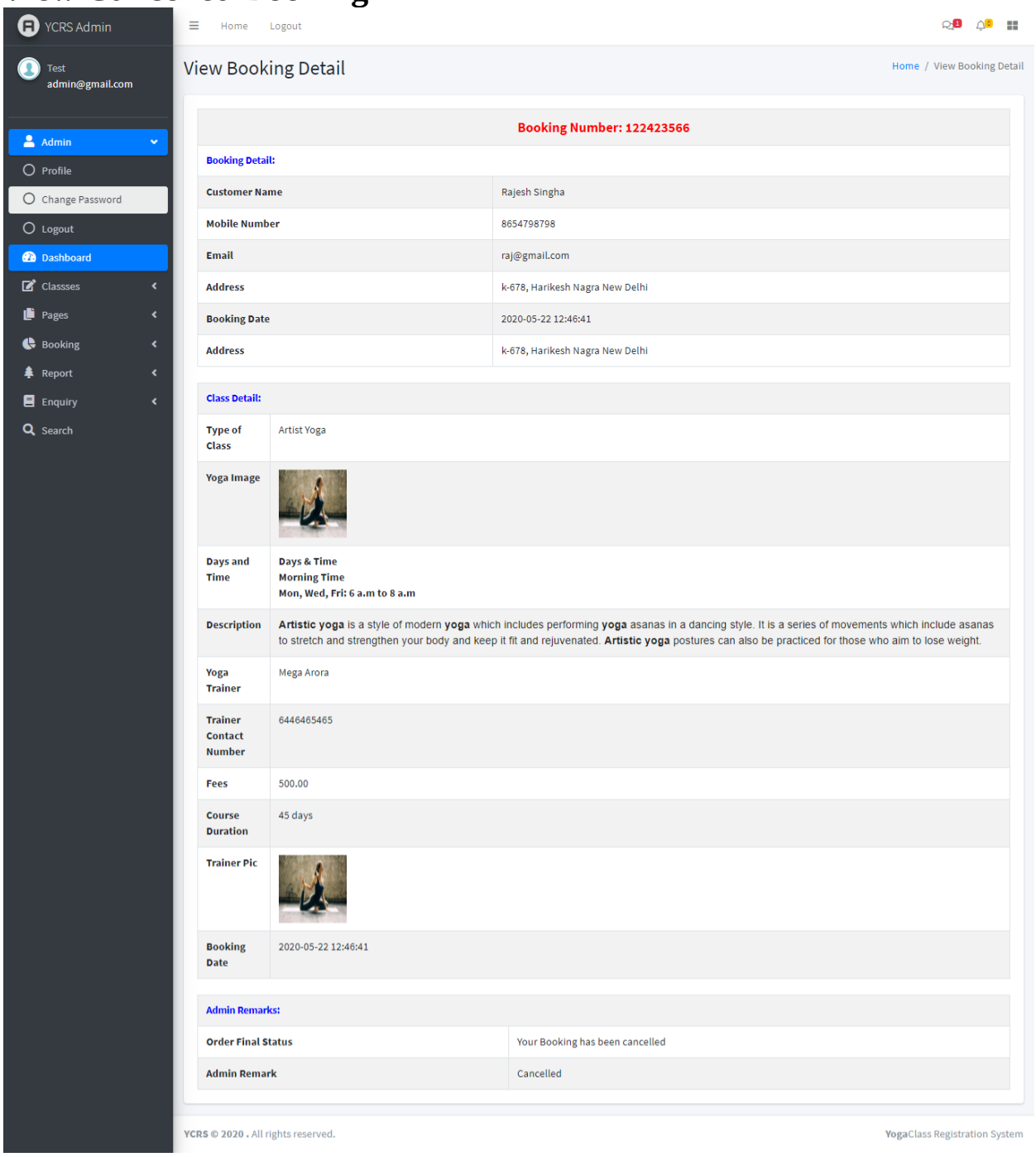
Order Final Status	Your Booking has been approved
Admin Remark	Approved

YogaClass Registration System

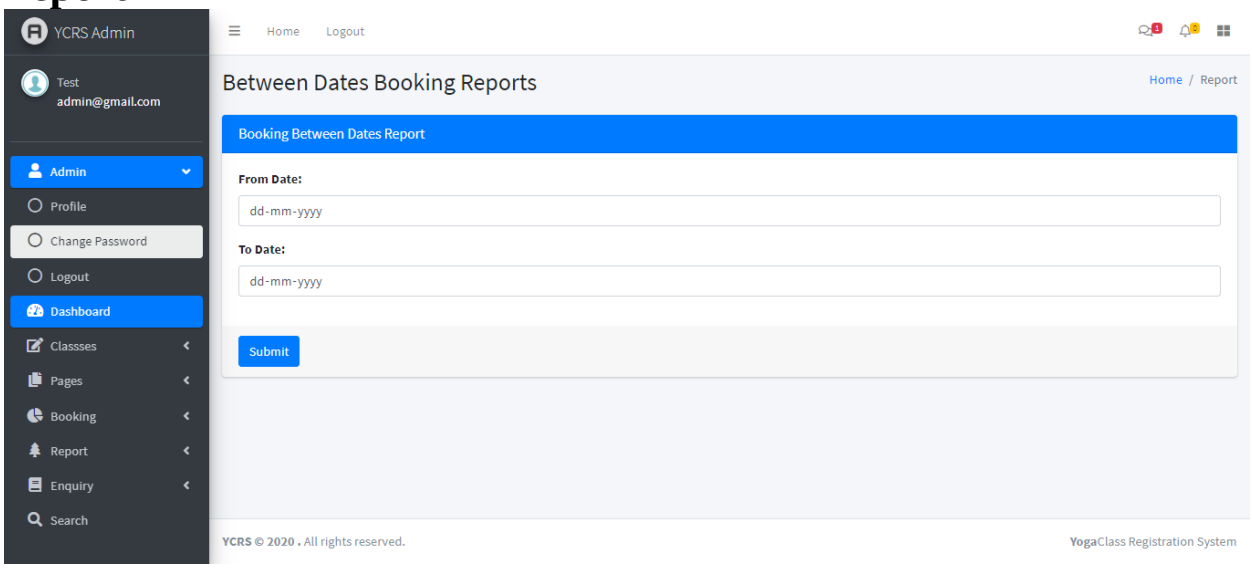
Cancelled Booking



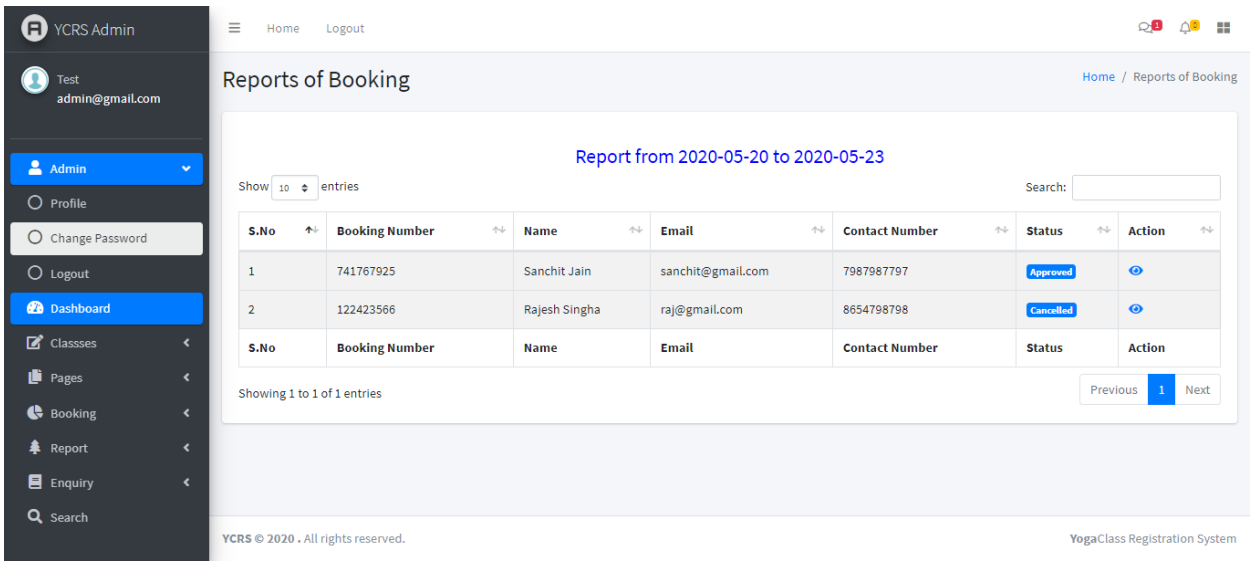
View Cancelled Booking



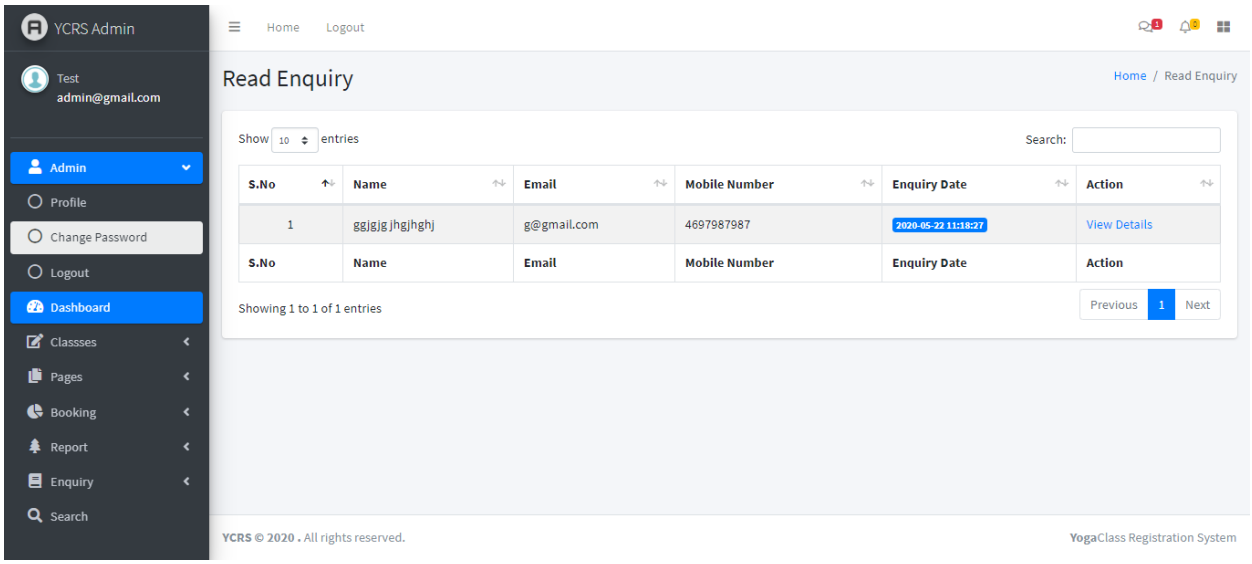
Report



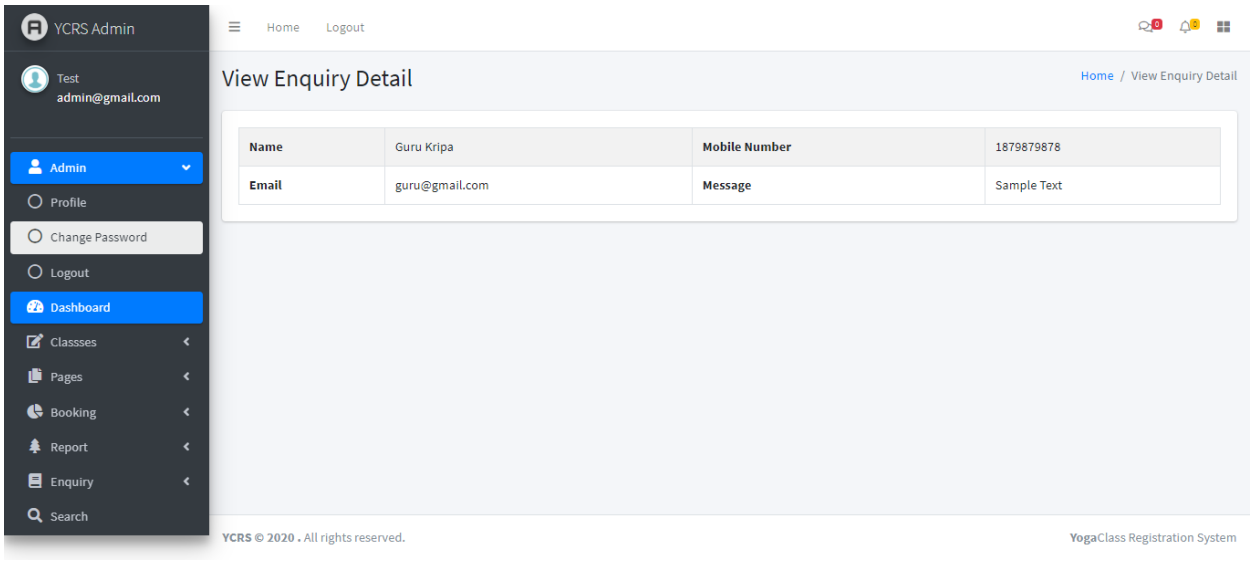
View Report



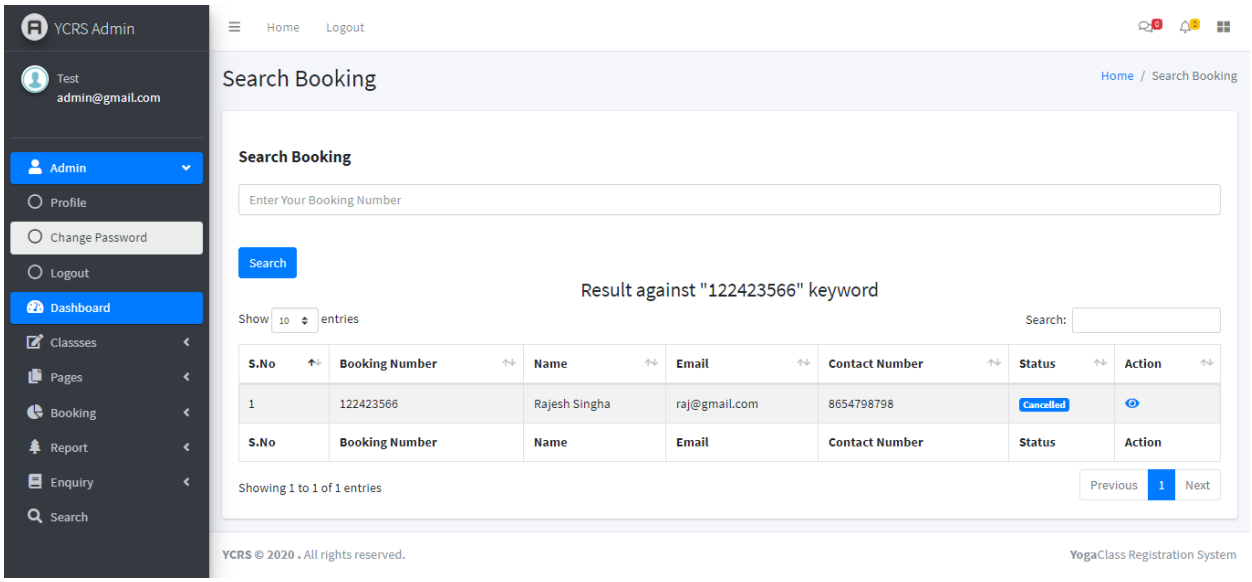
Enquiry



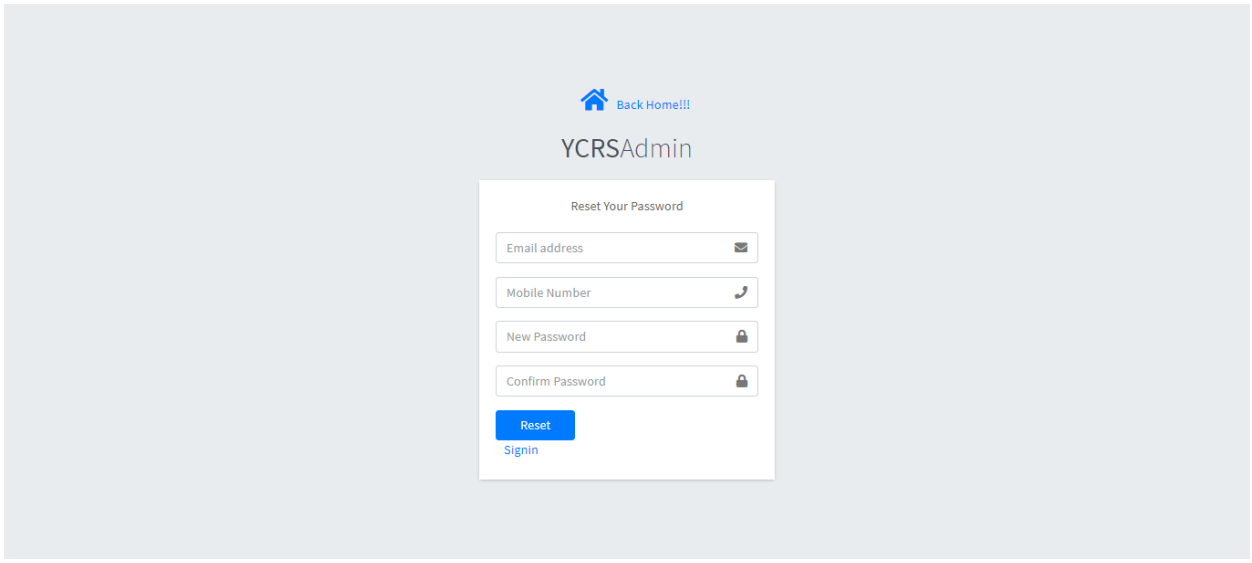
View Enquiry



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