



ZooooM

CAR RENTAL WEBSITE

Keerthi Narra

Priyanka Chadalavada

Teja Srinivas Ganesh Tummuri

kxn160730

pxc162330

txt151230

Project Description- The website has a sign-up and sign-in page. The car rental website ZooooM gives the user ability to search for the car of his interest based on the cars company, model and type. The user can check-out only one car. The user can view his reservation history. The user can contact the website by sending a query message. The admin page has the catalog which gives the details of all the cars. The admin has rights to check-in the car. Admin can add a car, delete a car, update the price of the car.

Assumptions made-

- 1)A user can checkout only one car at a time.
- 2)Check-in has to be done by the admin. User cannot check-in a car.
- 3)Admin cannot rent a car.

Database Design-

The database has four tables-

car- It has a list of different models. Primary Key- car_id

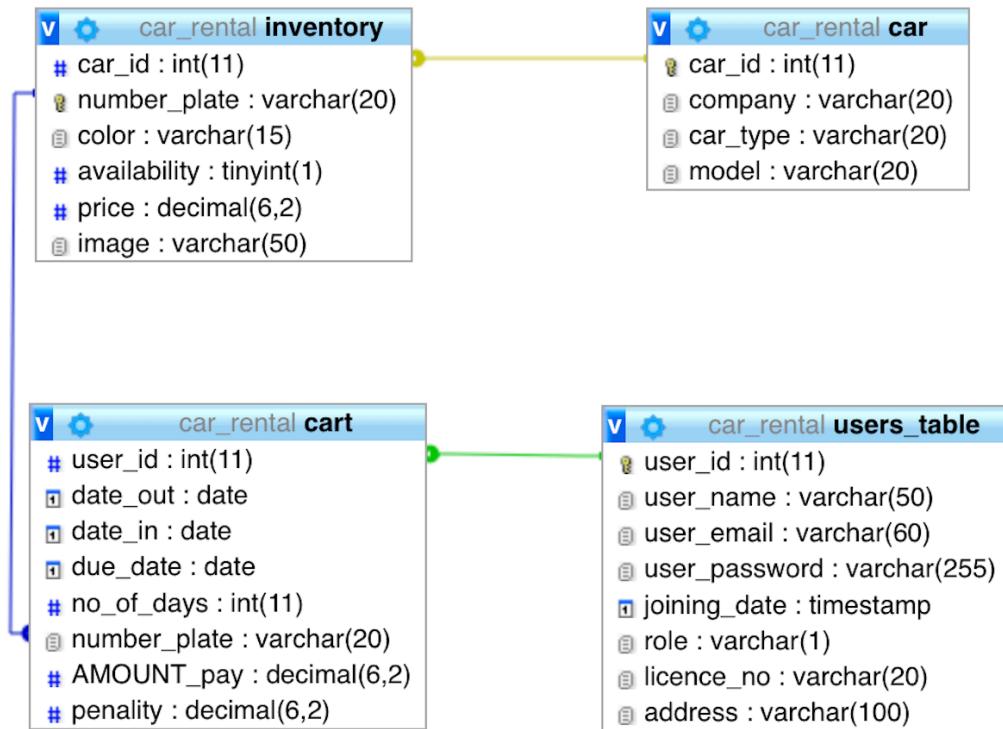
inventory- It has the list of all the cars. PRIMARY KEY-number_plate
FOREIGN KEY (`car_id`) REFERENCES `car` (`car_id`)

cart- It has the history of the user.

FOREIGN KEY (`user_id`) REFERENCES `users_table` (`user_id`)

FOREIGN KEY (`number_plate`) REFERENCES `inventory` (`number_plate`)

users_table- It has the details of the user. Primary Key- user_id



SQL Queries-

```
create database car_rental;
```

```
CREATE TABLE `users_table` (
  `user_id` int(11) NOT NULL AUTO_INCREMENT,
  `user_name` varchar(50) NOT NULL,
  `user_email` varchar(60) NOT NULL,
  `user_password` varchar(255) NOT NULL,
  `joining_date` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP,
  `role` varchar(1) NOT NULL DEFAULT 'U',
  `licence_no` varchar(20) NOT NULL,
  `address` varchar(100) NOT NULL,
  PRIMARY KEY (`user_id`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8 AUTO_INCREMENT=6;
```

```
CREATE TABLE `car` (
  `car_id` int(11) NOT NULL AUTO_INCREMENT,
  `company` varchar(20) DEFAULT NULL,
  `car_type` varchar(20) DEFAULT NULL,
  `model` varchar(20) DEFAULT NULL,
  PRIMARY KEY (`car_id`)
) ENGINE=InnoDB AUTO_INCREMENT=6 DEFAULT CHARSET=utf8;
```

```

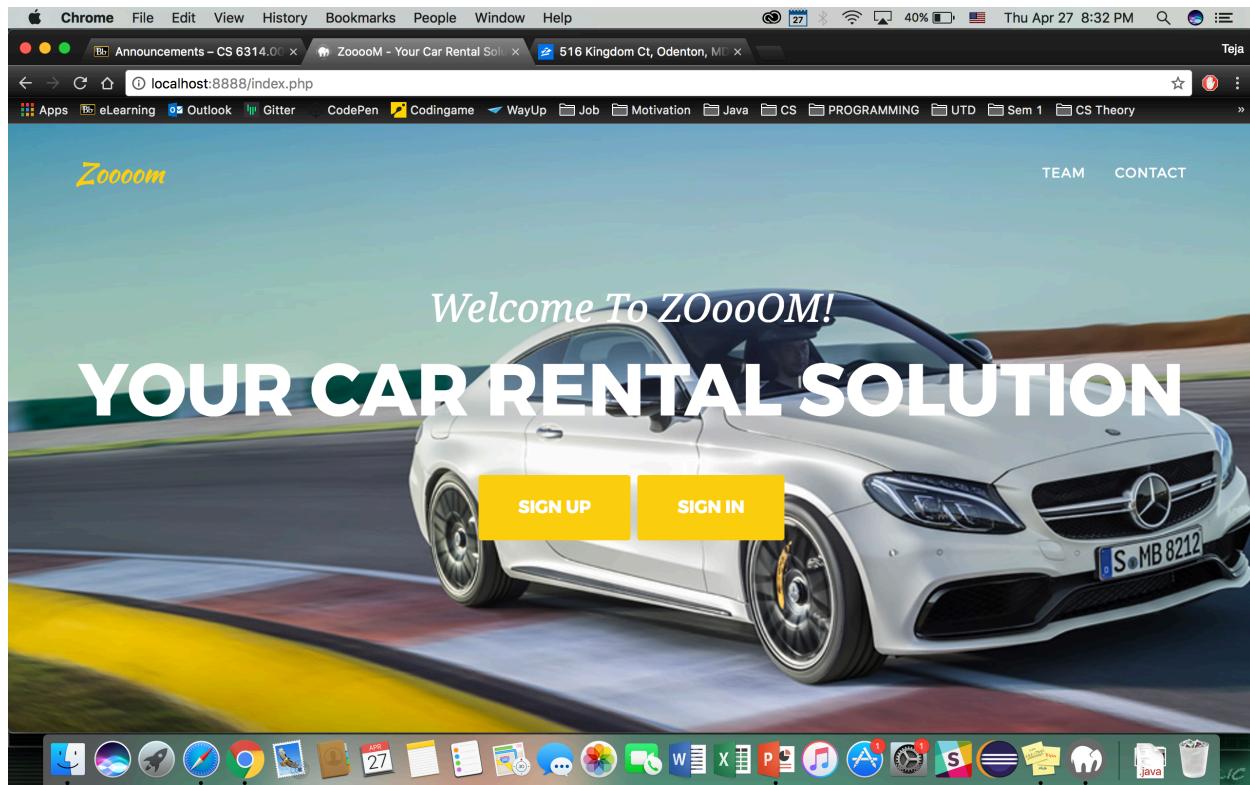
CREATE TABLE `inventory` (
  `car_id` int(11) DEFAULT NULL,
  `number_plate` varchar(20) NOT NULL,
  `color` varchar(15) DEFAULT NULL,
  `availability` tinyint(1) DEFAULT NULL,
  `price` decimal(6,2) DEFAULT NULL,
  `image` varchar(50) DEFAULT NULL,
  PRIMARY KEY (`number_plate`),
  KEY `car_id` (`car_id`),
  CONSTRAINT `inventory_ibfk_1` FOREIGN KEY (`car_id`) REFERENCES `car` (`car_id`) ON
DELETE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `cart` (
  `user_id` int(11) DEFAULT NULL,
  `date_out` date DEFAULT NULL,
  `date_in` date DEFAULT NULL,
  `due_date` date DEFAULT NULL,
  `no_of_days` int(11) DEFAULT NULL,
  `number_plate` varchar(20) DEFAULT NULL,
  `AMOUNT_pay` decimal(6,2) DEFAULT NULL,
  `penalty` decimal(6,2) DEFAULT NULL,
  KEY `user_id` (`user_id`),
  KEY `number_plate` (`number_plate`),
  CONSTRAINT `cart_ibfk_1` FOREIGN KEY (`user_id`) REFERENCES `users_table` (`user_id`) ON
DELETE CASCADE,
  CONSTRAINT `cart_ibfk_2` FOREIGN KEY (`number_plate`) REFERENCES `inventory`(`number_plate`) ON DELETE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

```

Languages/frameworks used for implementation- Php, Ajax, JavaScript, JQuery, CSS, HTML.

DATABASE Created in MAMP.



Sign-in and Sign-up functionality

A screenshot of a Mac OS X desktop showing a web browser window for 'ZoooOM - Your Car Rental Sol...' at 'localhost:8888/userpagemain.php'. The page has a black header with 'Welcome Priyanka' on the left and navigation links for 'BOOK CAR', 'MY RESERVATIONS', 'CONTACT', and 'LOG OUT' on the right. Below the header is a section titled 'FIND YOUR CAR! CHECK THE DETAILS' with three car thumbnails: a BMW Series 3, an Audi A4, and a Benz G Class. Each thumbnail includes the car model name and a price of '\$20.00', '\$30.00', and '\$100.00' respectively. The top of the screen shows the Mac menu bar and a dock with various application icons.

After the user has checked in. User can search for a car of his interest.



Welcome Priyanka

HERE IS YOUR CAR!

CHECK THE DETAILS



BENZ G CLASS

DAYS TO RENT

2

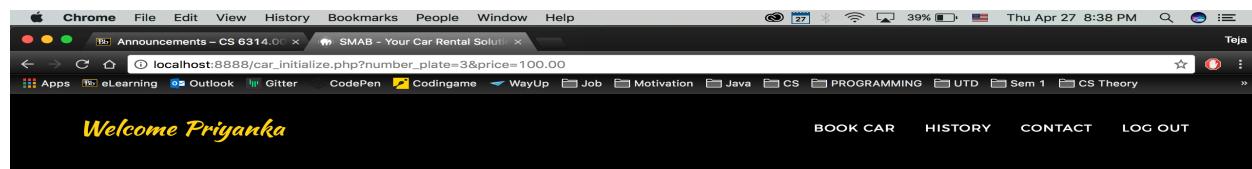
TOTAL PRICE:

\$200.00

[Check Out](#)



User can check-out a car.



User has checked-out a car.

Chrome File Edit View History Bookmarks People Window Help

Announcements - CS 6314.00 Zoom - Your Car Rental Soli

localhost:8888/history.php Teja

Apps eLearning Outlook Glitter CodePen Codingame WayUp Job Motivation Java CS PROGRAMMING UTD Sem 1 CS Theory

Welcome Priyanka BOOK CAR MY RESERVATIONS CONTACT LOG OUT

HERE IS YOUR BOOKED HISTORY!

CHECK THE DETAILS

COMPANY	TYPE	MODEL	NUMBER_PLATE	COLOR	PRICE	DATE BOOKED	DATE RETURNED
BMW	SEDAN	SERIES 3	1	BLUE	20.00	2017-04-27	2017-04-27
BENZ	SUV	G CLASS	3	MAROON	100.00	2017-04-28	

<- Back



User can see their history.

Admin page-

Chrome File Edit View History Bookmarks People Window Help

Announcements - CS 6314.00 Zoom - Your Car Rental Soli

localhost:8888/admin_page.php Teja

Apps eLearning Outlook Glitter CodePen Codingame WayUp Job Motivation Java CS PROGRAMMING UTD Sem 1 CS Theory

Welcome Teja CATALOG ADD MODIFY CAR CHECK-IN LOG OUT

CAR CATALOG

CHECK THE DETAILS



bmw series 3
\$20.00



audi a4
\$30.00



benz g class
\$100.00



Admin can view the catalog.

Chrome File Edit View History Bookmarks People Window Help

Announcements - CS 6314.01 Zoom - Your Car Rental Soli

localhost:8888/admin_page.php

CATALOG ADD MODIFY CAR CHECK-IN LOG OUT

Car Company: bmw
Car Type: suv
Car Model: other

Company Name[other]
type[other]
x2
black
15
20

Choose File x2 bmw black suv.jpg

Upload http://localhost:8888/car_images/x2 bmw black suv.jpg

Add Car



User can add a car.

Chrome File Edit View History Bookmarks People Window Help

Announcements - CS 6314.01 Zoom - Your Car Rental Soli

localhost:8888/admin_page.php

CATALOG ADD MODIFY CAR CHECK-IN LOG OUT

Car Company: benz
Car Type: select
Car Model: select

car_id	company	type	model	number_plate	color	availability	price	select
22	benz	sedan	e300	4	black	true	85.00	•

Delete Update

30

ok cancel



Admin can delete a car or update the price of a car.

Welcome Teja

CATALOG ADD MODIFY CAR CHECK-IN LOG OUT

pinky@gmail.com

User ID: 12
Email id: pinky@gmail.com
Registration no: 3
Date out: 2017-04-28
Due Date: 2017-04-29

CheckIn Cancel



Admin can check-in the car of the user.

TEAM MEMBERS-

TEJA SRINIVAS GANESH- txt151230

PRIYANKA CHADALAVADA- pxc162330

KEERTHI NARRA- kxn160730

Work Division – Admin Side and Database- Teja Srinivas Ganesh
Sign-in and Sign-up, Look and feel – Priyanka Chadalavada
User Side and Database- Keerthi Narra.

