

CSE3002 : Internet and Web Programming

Restaurant Management System

J - Component

Team Members:

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Description :

1. The main page of our website is a welcome page. It contains link to navigate to the menu page where the user can view the menu of our restaurant and another link to the order online page where he can order food.
2. On the first page there is a form using which he can book a table in our restaurant for breakfast, lunch and dinner.
3. There is also a form using which the user can subscribe to the newsletter of our restaurant. He can visit out pages on Facebook, Twitter, Instagram and LinkedIn.
4. On the Menu page he can view the menu of our restaurant. Also the menu is updated automatically once the table stored in the database is updated.
5. On the order online page he can place an order for food. He can add items from the menu displayed and add them to his order. When he clicks on place order the website asks the details of the customer and after giving his details he can confirm the order.
6. Once the order has been placed the manager or any other staff of the restaurant can view the order on the server page.
7. The **Order online** part will take user to google maps page where user can add his/her location and view various outlets near him/her.
8. The map loads location, distance and status of the restaurant.
9. After this a confirmation page is displayed where the details are confirmed and an orderID is generated automatically.
10. User can also choose to be in restaurant and request services while seated on the table!!(order, Ask for water, bill, etc.)
11. The whole project is powered with php and mysql with already features mentioned like order online, from restaurant and even a UIView for servers.

System Design

Frontend:

The frontend is made by using HTML and CSS languages.

HTML- Hypertext Markup Language (HTML) is the standard markup language for creating web pages and web applications. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages. HTML describes the structure of a web page semantically and originally included cues for the appearance of the document.

CSS-Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language. Although most often used to set the visual style of web pages and user interfaces written in HTML and XHTML, the language can be applied to any XML document, including plain XML, SVG and XUL, and is applicable to rendering in speech, or on other media.

AJAX:

AJAX stands for **A**synchronous **J**avaScript and **X**ML. AJAX is a new technique for creating better, faster, and more interactive web applications with the help of XML, HTML, CSS, and Java Script.

- Ajax uses XHTML for content, CSS for presentation, along with Document Object Model and JavaScript for dynamic content display.
- Conventional web applications transmit information to and from the sever using synchronous requests. It means you fill out a form, hit submit, and get directed to a new page with new information from the server.
- With AJAX, when you hit submit, JavaScript will make a request to the server, interpret the results, and update the current screen. In the purest sense, the user would never know that anything was even transmitted to the server.
- XML is commonly used as the format for receiving server data, although any format, including plain text, can be used.
- AJAX is a web browser technology independent of web server software.

Backend:

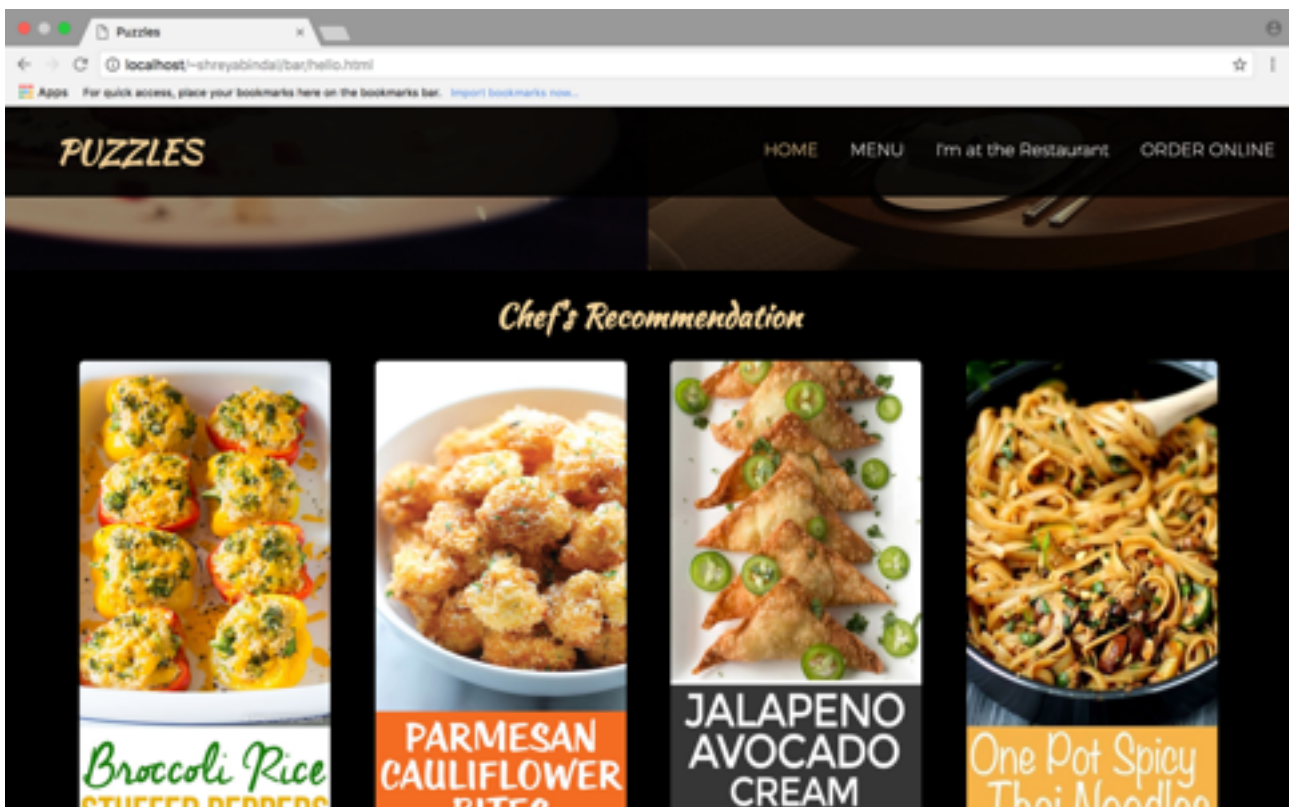
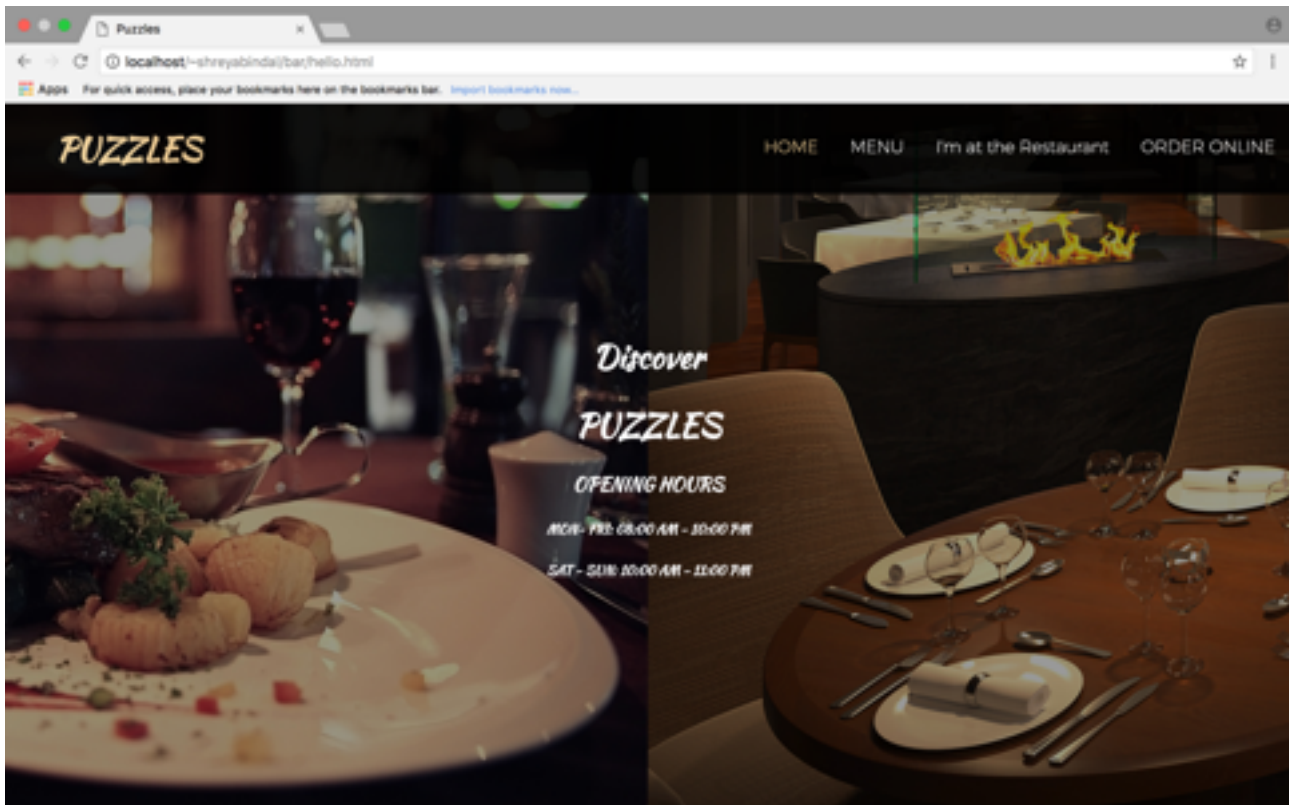
Backend is made using JAVASCRIPT, PHP, AJAX

JAVASCRIPT-It is a high-level, dynamic, weakly typed, prototype-based, multi-paradigm, and interpreted programming language. Alongside HTML and CSS, JavaScript is one of the three core technologies of World Wide Web content production. It is used to make webpages interactive and provide online programs, including video games. The majority of websites employ it, and all modern web browsers support it without the need for plug-ins by means of a built-in JavaScript engine. Each of the many JavaScript engines represent a different implementation of JavaScript, all based on the ECMAScript specification, with some engines not supporting the spec fully, and with many engines supporting additional features beyond ECMA.

PHP-*PHP* is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content manage-


ment systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data, including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications

Screenshots:



Puzzles
localhost~shreyabinda@bar/hello.html


PUZZLES
HOME MENU I'm at the Restaurant ORDER ONLINE



Reservation


BOOK YOUR TABLE

FIND A TABLE




Puzzles
localhost~shreyabinda@bar/hello.html

PUZZLES
HOME MENU I'm at the Restaurant ORDER ONLINE



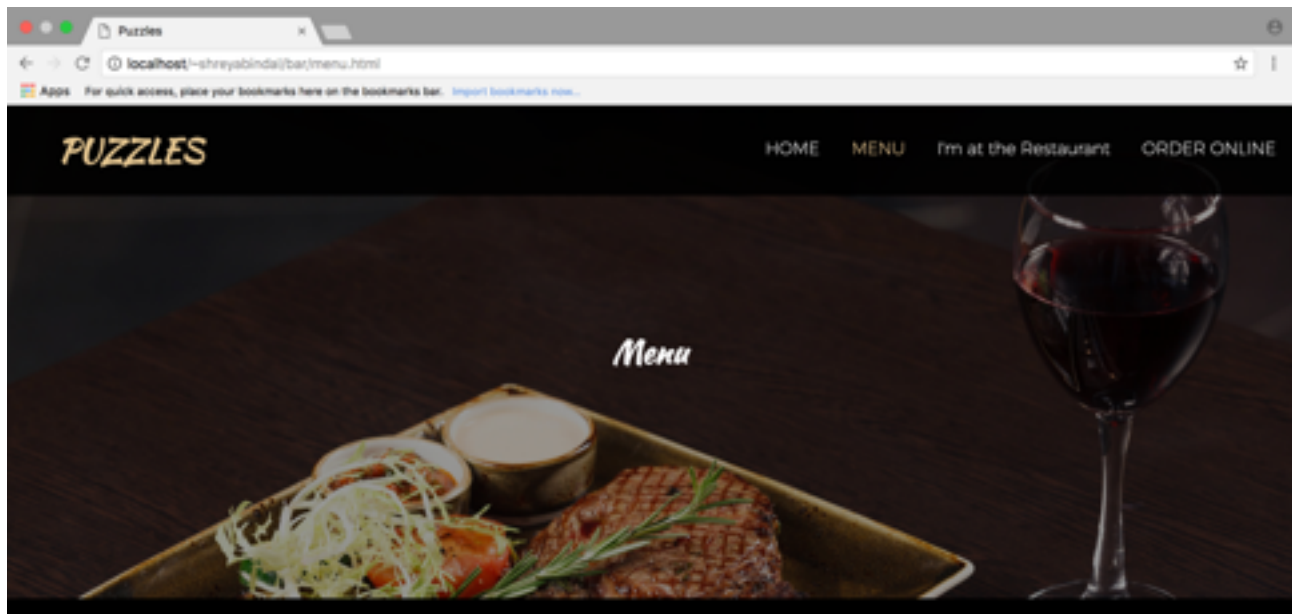
FIND A TABLE



Subscribe to our newsletter

f t i in

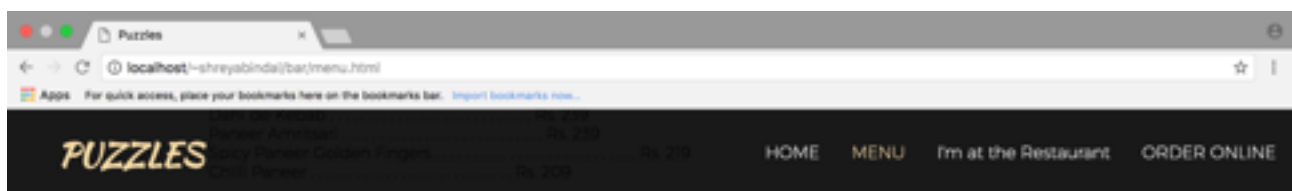
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Starters

Dahi de Kebab	Rs. 239
Paneer Amritsari	Rs. 239
Spicy Paneer Golden Fingers	Rs. 219
Chilli Paneer	Rs. 209

Main Course



Main Course

Dal Makhani	Rs. 199
Mixed Vegetable	Rs. 189
Malai Kofta	Rs. 229
Kadai Paneer	Rs. 229
Pindi Chole	Rs. 199

Breads

Tandoori Roti	Rs. 18
Missi Roti	Rs. 32
Butter Naan	Rs. 45
Pudina Paratha	Rs. 40

Hot Beverages

Tea	Rs. 49
Coffee	Rs. 79

Deserts

Gulab Jamun	Rs. 30
Rasmalai	Rs. 35

Puzzles
localhost~shreyabinda@bar/orderonline.html

PUZZLES
HOME MENU I'm at the Restaurant ORDER ONLINE

Order Online

Starters

Dahi de Kebab Rs. 239 +
Paneer Amritsari Rs. 239 +
Spicy Paneer Golden Fingers Rs. 219 +
Chilli Paneer Rs. 209 +

Main Course

Dal Makhani Rs. 199 +
Mixed Vegetable Rs. 189 +
Malai Kofta Rs. 229 +
Kadai Paneer Rs. 229 +
Pindi Chole Rs. 199 +

Breads

Tandoori Roti Rs. 18 +
Missi Roti Rs. 32 +

Your Order (5 items)

Malai Kofta	229
Dal Makhani	199
Chilli Paneer	209
Butter Naan	45
Gulab Jamun	30
Total :	712

Place Order >

Puzzles
localhost~shreyabinda@bar/orderDetails.html

PUZZLES
HOME MENU I'm at the Restaurant ORDER ONLINE

Order Online

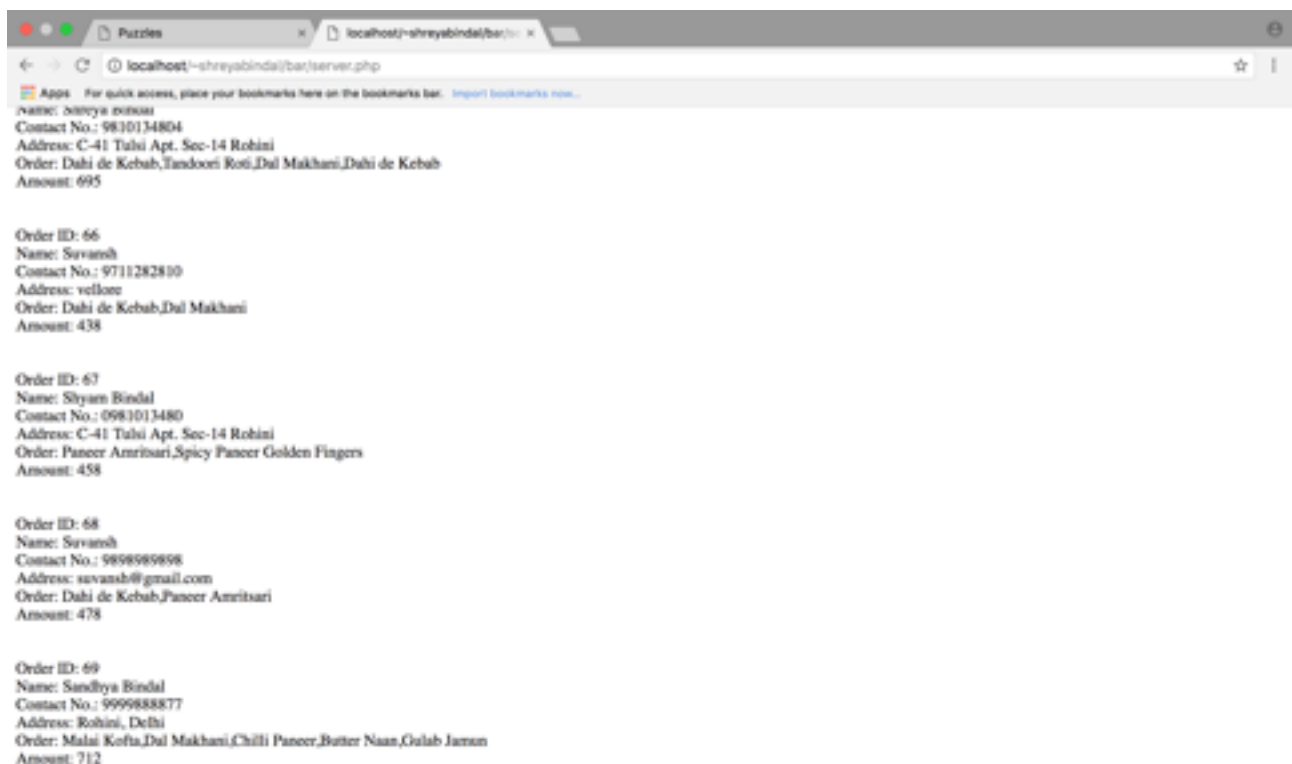
Submit

Subscribe to our newsletter

Submit

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5/15/2014

phpMyAdmin

Server: localhost Database: puzzles

Structure SQL Search Query Full export Import Designer Operations Privileges Drop

Table	Action	Records	Type	Collation	Size	Overhead
customer		5	InnoDB	latin1_swedish_ci	14.8 KIB	-
menu		17	InnoDB	latin1_swedish_ci	14.8 KIB	-
newsletter		11	InnoDB	latin1_swedish_ci	14.8 KIB	-
orders		8	InnoDB	latin1_swedish_ci	14.8 KIB	-
reservation		5	InnoDB	latin1_swedish_ci	14.8 KIB	-
5 table(s)	Sum	47	MyISAM	latin1_swedish_ci	59.8 KIB	8.8

Check All / Uncheck All With selected

Print view Data Dictionary

Create new table on database puzzles

Name: Number of fields:

Go

Info: may be approximate. See FAQ 3.11


Open new phpMyAdmin window

15BCE0663 - SCREENSHOTS


Home About Us Menu I'm at the Restaurant Order Online Track Order Contact Us

Delecious Food Awaits you....


How It works...



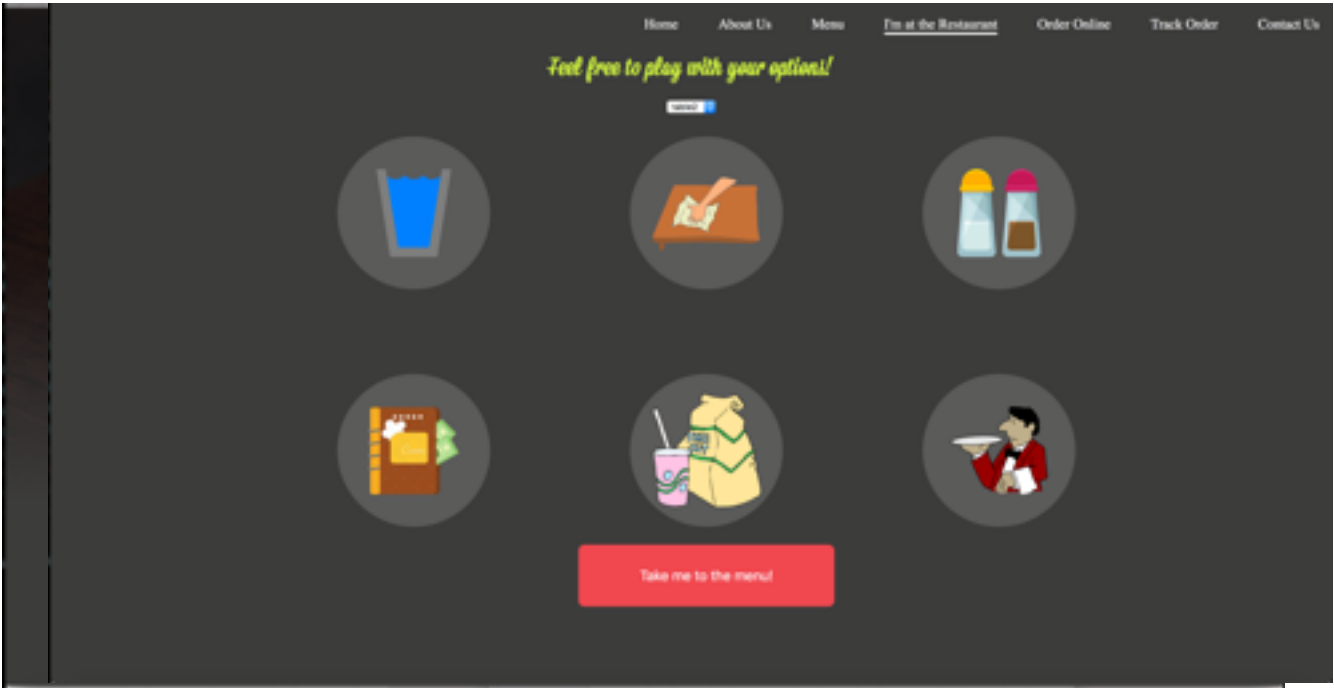
Explore outlets near you that deliver



Browse menus and build your order



Track your order once finished



```
mysql> select * from orders;
```

Name	phoneNumber	email	birthdate	longitude	latitude	status	orderID	time	isRest
Nakul	9798618196	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	1	2017-11-06 14:48:01	0
Nakul	9898989899	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	2	2017-11-06 14:45:28	0
Nakul	9891198888	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	5	2017-11-06 15:07:12	0
Nakul	9181919991	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	6	2017-11-06 15:18:05	0
Nakul	9991119991	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	7	2017-11-06 15:29:12	0
NAKUL	9123188811	nakul.sakhuja@gmail.com	1997-07-16	0.000000	0.000000	0	8	2017-11-06 17:02:24	0
Nakul	9891118000	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	9	2017-11-06 21:41:03	0
Nakul Sakhuja	9881988199	nakul.sakhuja@gmail.com	1997-07-16	79.158900	12.978000	0	10	2017-11-10 19:11:01	0

```
8 rows in set (0.00 sec)
```

```
mysql> select * from locations
```

```
--> 2
```

RestID	longitude	latitude	isOpen
1	12.971600	79.588000	
2	12.972600	79.588000	
3	12.974600	79.298000	
4	12.974600	79.588000	
5	12.974600	79.158200	
6	12.994600	79.158400	
7	12.997800	79.158900	
8	12.978000	79.158900	

```
8 rows in set (0.01 sec)
```

```
mysql> select * from at Rest
```

```
--> 2
```

```
ERROR 1146 (42S02): Table 'iwp_restaurant.at' doesn't exist
```

```
mysql> select * from atRest;
```

ID	Water	clean	util	Bill	parcel	other
1	1	0	0	0	0	0
2	1	0	1	0	0	0
3	0	1	0	1	1	0
4	1	1	0	1	0	0
17	1	1	1	1	0	0

The screenshot shows the phpMyAdmin web interface. On the left is a sidebar with the database 'iwp_restaurant' selected. The main panel displays the 'Structure' tab for the 'iwp_restaurant' database. A table list shows the following tables: 'atrest', 'locations', 'menuitems', 'orderedititems', 'orders', and 'restorders'. Each table has columns for 'Records', 'Type', 'Collation', 'Size', and 'Overhead'. Below the table list, there is a 'Print view' and 'Data Dictionary' section. At the bottom, there is a 'Create new table on database iwp_restaurant' form with fields for 'Name' and 'Number of fields', and a 'Go' button. A yellow warning message at the bottom states: 'May be approximate. See FAQ 3.11'. A link to 'Open new phpMyAdmin window' is also present.

