

WEB DATABASE COMPUTING DATA PLAN OBJECT EXAMPLES

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Data Plan

Type	Method	object	Request
restaurant/details	Get	Retrieve all information about a restaurant based on it's ID	Respond with a restaurant object describing the restaurant, it's price and surrounding
restaurant/search	Get	Retrieve a list of restaurant nearest to the location provided	Respond with an array of restaurant objects
restaurant/ restaurant name	Get	Retrieves the restaurant page	Respond with the restaurant web page which will update itself to reflect the requested restaurant
book/ restaurant	Get	Retrieves the book page	Respond with the book web page which will update itself to reflect the requested restaurant
book/history	Get	Retrieve all previous bookings for the user	Respond with an array of booking objects
book/update	Post	Update the booking review and rating for the user	Send a booking object to update

			the review for the booking
book/new	Post	Create a booking for the user	Send a booking object to be added to the database
restaurant/update	Post	Update an existing restaurant or create a new restaurant if it doesn't already exist	Send a restaurant object to be added/updated
restaurant/delete	Post	Delete an existing restaurant	Send the restaurant ID to be deleted
user	Get	Retrieve information about the user	Respond with a user object
user/update	Post	Updates some information about the user	Send a user object to the server to update the database

Object examples

User Object Example	<pre>{ User name(string) User phone number(int) }</pre>
Restaurant Object example	<pre>{ restaurant name(string) restaurant menu(string) openTime (time) restaurant address(string) manage table(class) }</pre>
Booking Object example	<pre>{ startTime: (Time), endTime: (Time), user name: (string) restaurant name: (string) table number: (int) phone number: (int) }</pre>
Booking receive Object example	<pre>{ Booking number(int), startTime(Time), endTime(Time), user name(string) }</pre>
Review Object example	<pre>{ review name: (Time), User name: (String), review content: (string), corresponding restaurant name: (string), }</pre>

