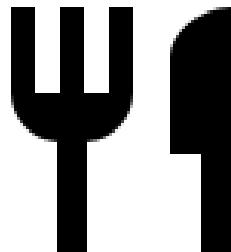


GORMANDISE



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INTRODUCTION

Gormandise is a website that is used for rating restaurants that people have been to. Users are allowed to submit text posts or comments on a certain restaurant they have eaten at. Users can give a rating to an existing restaurant in database or can add a new restaurant and rate it. The word Gormandise means indulge in good eating.

PURPOSE

The purpose of this graduate project is to build a rating site where users can rate restaurants. The users can also post a new restaurant, rate and provide comments and suggestions on the website. Restaurants that are liked have high average rating while those that are disliked are given low rating.

TECHNOLOGIES USED:

The following technologies have been used for building this project:-

1) AngularJs for client-side

AngularJS is a JavaScript framework. It is a library written in JavaScript.

AngularJS is distributed as a JavaScript file, and can be added to a web page with a script tag:

```
<script src="http://ajax.googleapis.com/ajax/libs/angularjs/1.4.8/angular.min.js"></script>
```

2) NodeJs and ExpressJS for server-side-

Node.js is a platform built on Chrome's JavaScript runtime for easily building fast, scalable network applications.

3) Couchdb as database

CouchDB is a database that completely embraces the web. CouchDB comes with a suite of features, such as on-the-fly document transformation and real-time change notifications, that makes web app development a breeze. It even comes with an easy to use web administration console.

WEBSITE STRUCTURE

The Gormandise website looks like this when you open it in a browser-

The screenshot shows a web browser displaying the Gormandise website. The page features a header with the title 'GORMANDISE' and a search bar. Below the header is a grid of eight restaurant cards, each with a thumbnail image, the restaurant name, a 'Follow' button, a star rating, and the number of reviews. The restaurants listed are Aloha Java, Thai Basil, Pizza Press, Dog Haus, Denny's, Cha2O, Soup Plantation, and Carl's Jr. The browser's taskbar at the bottom shows various application icons.

Restaurant	Image	Name	Follow	Rating	Reviews
Aloha Java		Aloha Java	+	★★★★★	3 REVIEWS
Thai Basil		Thai Basil	+	★★★★	2 REVIEWS
Pizza Press		Pizza Press	+	★★★★★	3 REVIEWS
Dog Haus		Dog Haus	+	★★★★★	3 REVIEWS
Denny's		Denny's	+	★★	4 REVIEWS
Cha2O		Cha2O	+	★★★★★	3 REVIEWS
Soup Plantation		Soup Plantation	+	★★★★★	2 REVIEWS
Carl's Jr.		Carl's Jr.	+	★★	2 REVIEWS

This screenshot shows a single Starbucks card displayed on the Gormandise website. The card features a large image of a Starbucks coffee cup, the name 'Starbucks', a 'Follow' button, and a rating of '★★★★★' with '2 REVIEWS'. The background of the card is light yellow.

The screenshot shows the footer of the Gormandise website. It includes links for 'Gormandise', 'Discover', 'About us', and 'Home'. Below these are links for 'Terms Of Service' and 'Copyright Text'. The footer is set against a dark teal background. The Windows taskbar at the bottom shows various application icons.

Gormandise

Discover

About us

Home

Terms Of Service

© 2014 Copyright Text

Gormandise Inc.

Here you will see three sections

- 1) **Header**-which contains the logo and name of the website at the left corner and links for register, write review, home, about us at the right corner and search in the center.
- 2) **Main**- which contains all the restaurants along with the average rating for each restaurant. It also contains a button which when clicked allows a user to add review to that particular restaurant. Also you can view other reviews given by other users to a restaurant which makes it easy to decide whether to go to that restaurant.
- 3) **Footer**- indicates the end of the webpage and contains copyright information.

ABOUT US-

When you click on the link About Us it will open a modal that display information about the website.

The screenshot shows the Gormandise website homepage. At the top, there is a navigation bar with links for 'Write Review', 'Home', 'Register', and 'About Us'. Below the navigation bar is a search bar labeled 'search for restaurants by name'. The main content area displays a grid of eight restaurant cards, each featuring a thumbnail image, the restaurant's name, a green circular button with a plus sign, and its rating and review count. The cards are arranged in two rows of four. The restaurants shown are Aloha Java, Thai Basil, Pizza Press, Dog Haus, Denny's, Cha2O, Soup Plantation, and Carl's Jr.

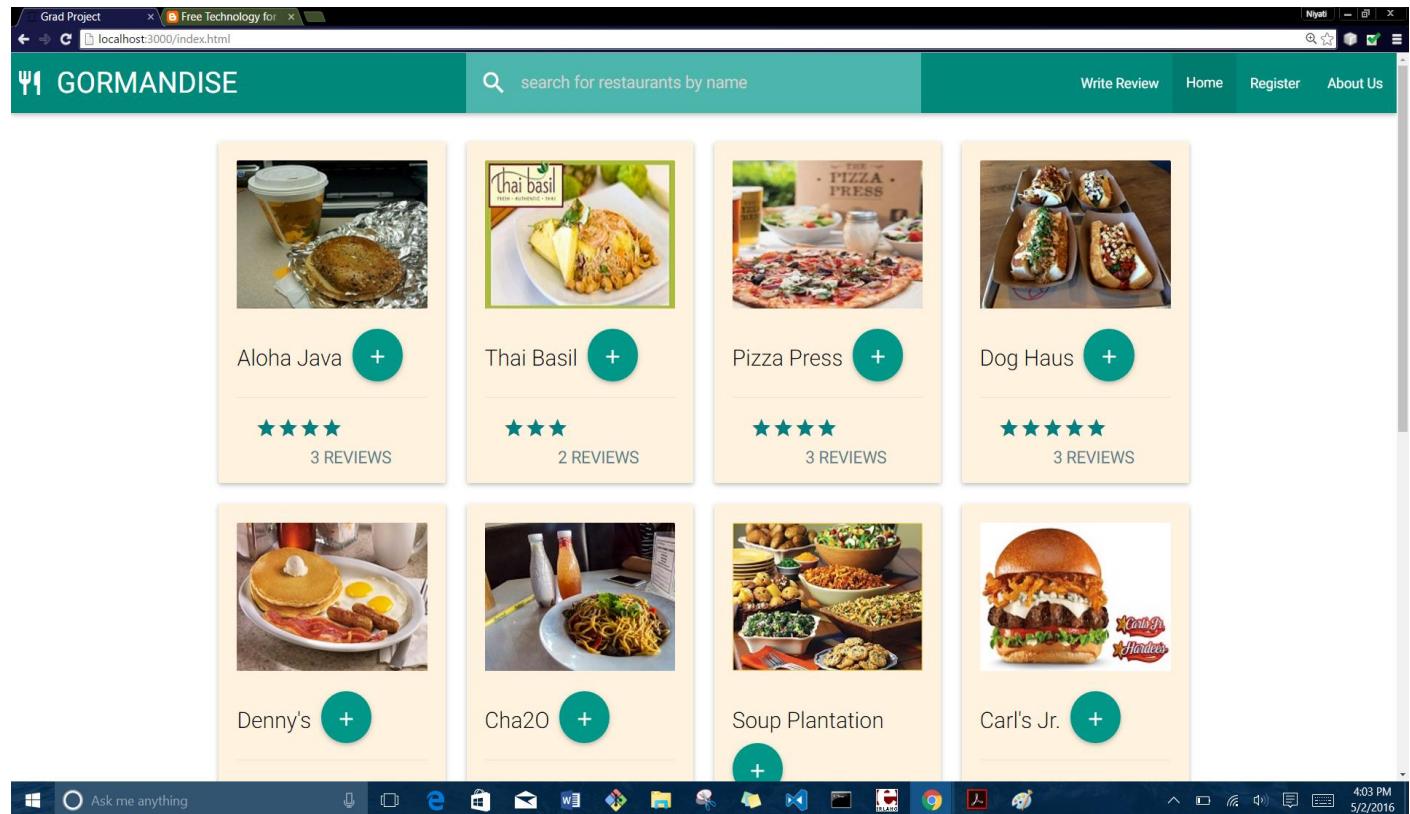
The screenshot shows the Gormandise website homepage with an 'About Us' modal window open in the center. The modal has a white background and a close button in the top right corner. Inside the modal, there is a block of text providing information about the website's features and community. The background of the page is slightly dimmed to indicate the modal is active.

Using Gormandise Learn how to take full advantage of Gormandise from searching of restaurants to joining the Elite Squad and everything in between. Getting Started everything you need to know to join the ever-growing ranks of Gormandisers in your community and beyond. Using the Gormandise App Learn how the app works to improve the mobile experience.

You can lookup on Gormandise for restaurants. Gormandise Elite Squad Everything you need to know about the people we recognize as the most active evangelists and role models for their communities.

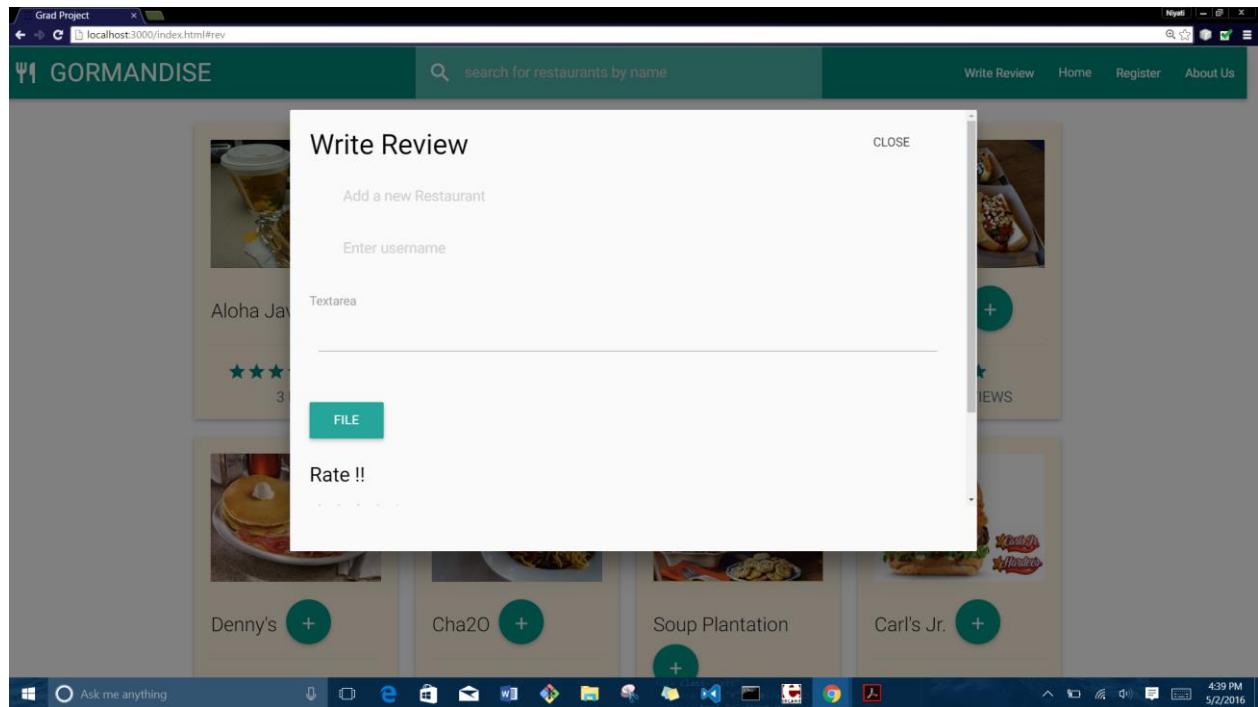
HOME-

When you click on the home link it takes you to the main page index.html (basically reloads your page). The snap shot below shows what the website looks like after clicking the Home link.

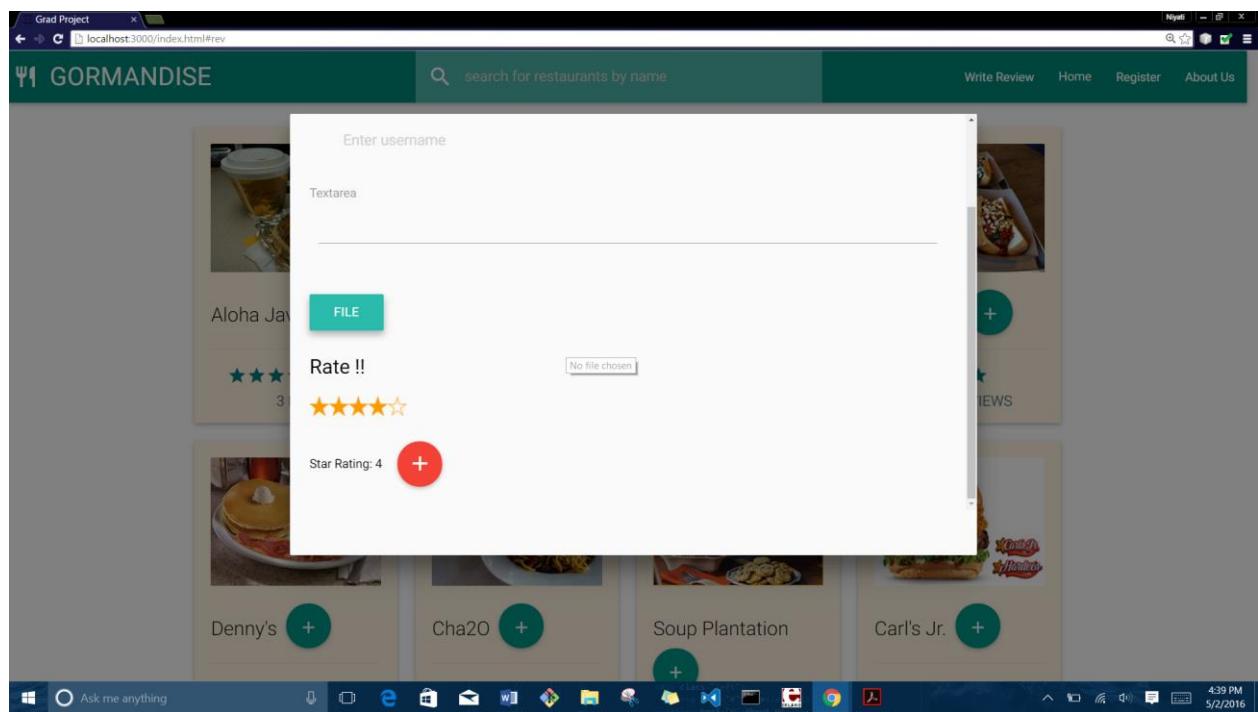


WRITE REVIEW-

When you click on Write Review a modal pops up as shown below-

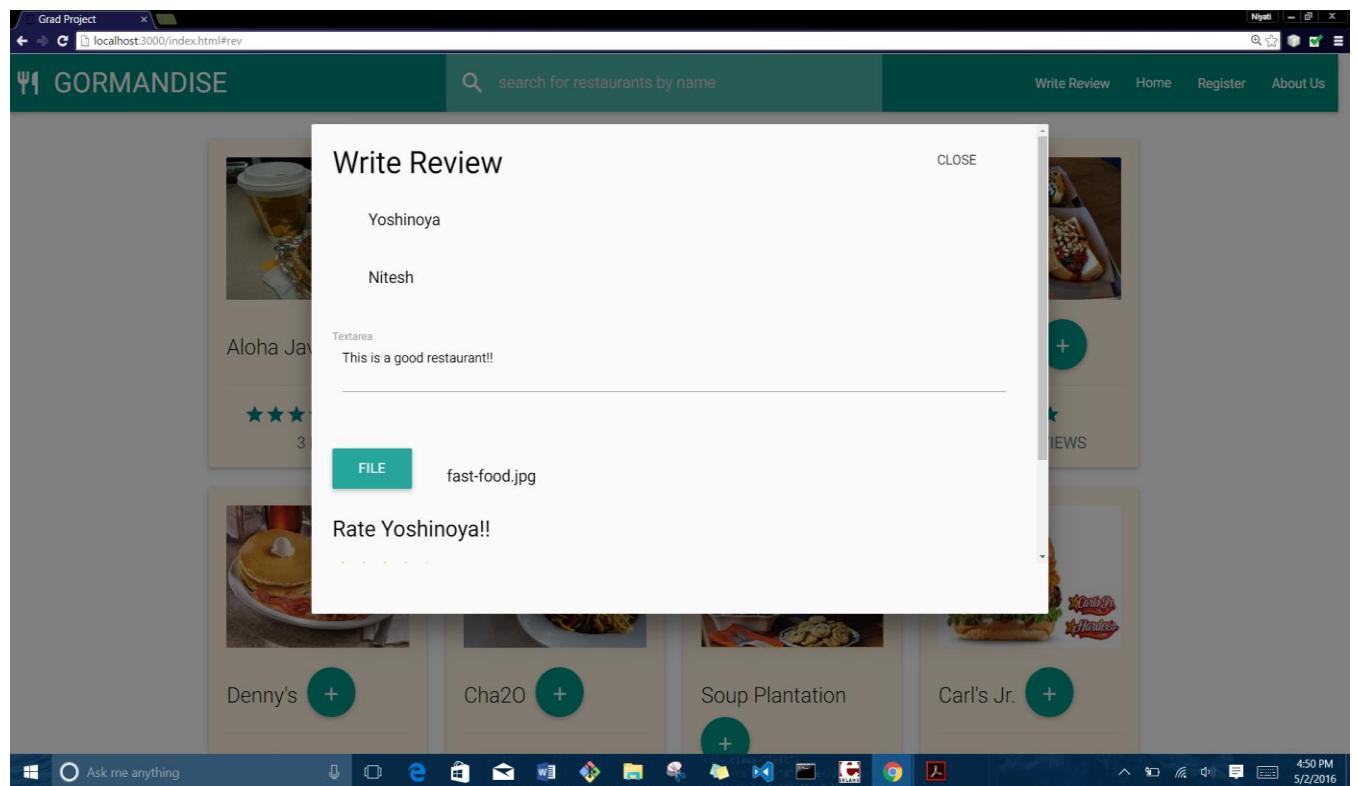


Scroll down in modal

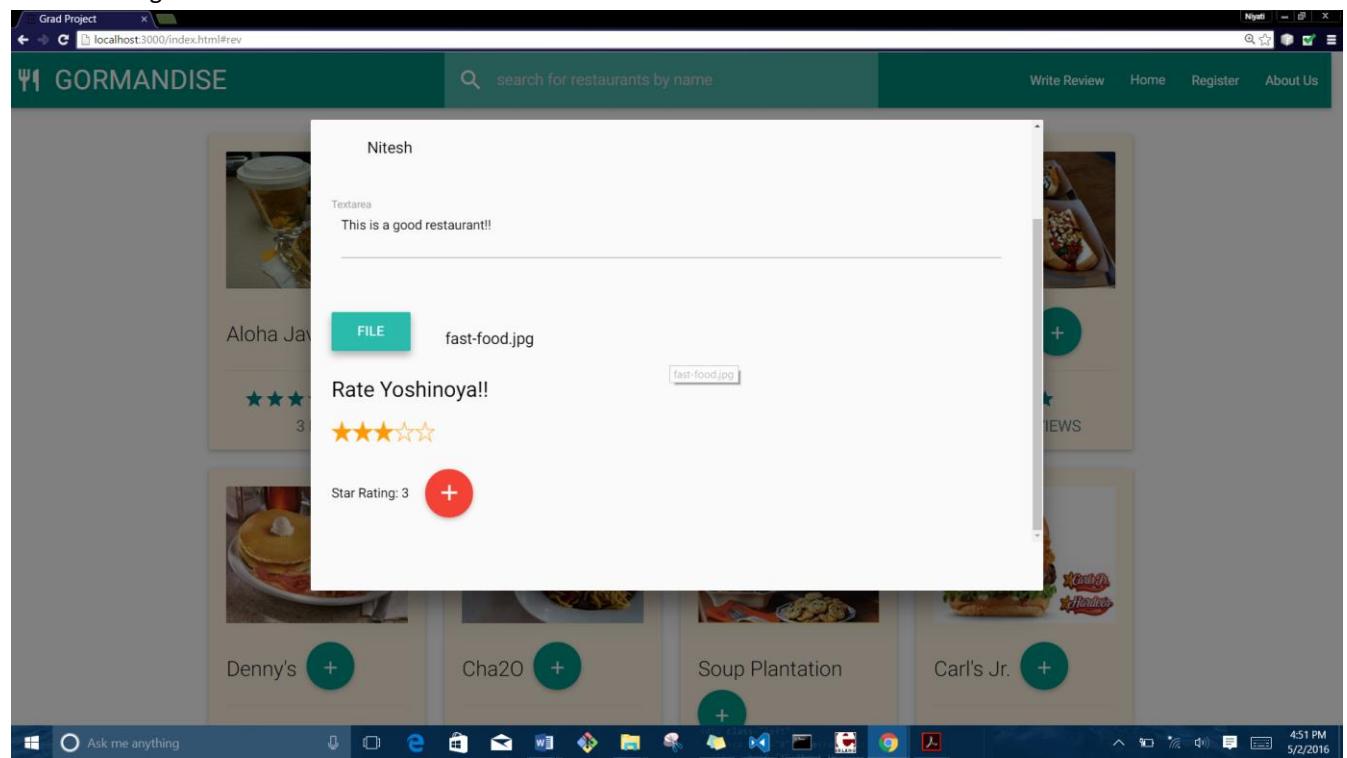


If you have a restaurant that is not already present on the site then you can add and rate a new restaurant using Write Review. You need to fill in the following things-

- 1) Name of the restaurant you want to add
- 2) Username
- 3) Your review about the restaurant
- 4) Upload an image if you want of that restaurant
- 5) Give your rating(below it shows the rating you chose)
- 6) Add button to add your restaurant to the database



After scrolling the modal



Once you click on the add button, the modal closes and your restaurant and all its details get added to the database as shown in the screenshot below-

Key	Value
"Yoshinoya"	{ "_id": "Yoshinoya", "_rev": "1-41258eba99892c7d36c3062fb87ea631"} }
"res1"	{ "_id": "res1", "_rev": "12-dde02b0cce96bcdcc63596aa5a09d720"} }
"res2"	{ "_id": "res2", "_rev": "11-0cf3317b184bce752654374f2182fbe2"} }
"res3"	{ "_id": "res3", "_rev": "4-0f5d02c5d183f1ble8b2b9d8e03453fb"} }
"res4"	{ "_id": "res4", "_rev": "5-d54fed69bc5652a6bedd9214d9b29d07"} }
"res5"	{ "_id": "res5", "_rev": "21-cf6fb884882c308cdaefceb3b779f9c5"} }
"res6"	{ "_id": "res6", "_rev": "22-c72190ea07b96d994fbe9ddc43e1369c"} }
"res7"	{ "_id": "res7", "_rev": "16-c7d6b37a5adf9ee0c76aa14d8deae361"} }
"res8"	{ "_id": "res8", "_rev": "22-cd45b83563e3b16d9e5563a02ddb32f"} }
"res9"	{ "_id": "res9", "_rev": "3-60351f5c75621b61bf1121052cd38c79"} }

Futon on Apache CouchDB 1.6.1

Overview > restaurants > Yoshinoya

_id	"Yoshinoya"
_rev	"1-41258eba99892c7d36c3062fb87ea631"
attachments	name "fast-food.jpg" content_type "image/jpeg"
avg_rating	3
picname	"fast-food.jpg"
res_name	"Yoshinoya"
reviews	<ul style="list-style-type: none"> 0 <ul style="list-style-type: none"> user_id "Nitesh" username "Nitesh" rating 3 text "This is a good restaurant!!"

← Previous Version | Next Version →



Tools

- Overview
- Configuration
- Replicator
- Status

Documentation Welcome to Admin Party!
Everyone is admin. [Fix this](#)

Futon on Apache CouchDB 1.6.1

As you can see in the screenshot below the restaurant has been added to the page.

(The image has not loaded because I was unable to implement the code for attachments in couchdb.)

GORMANDISE

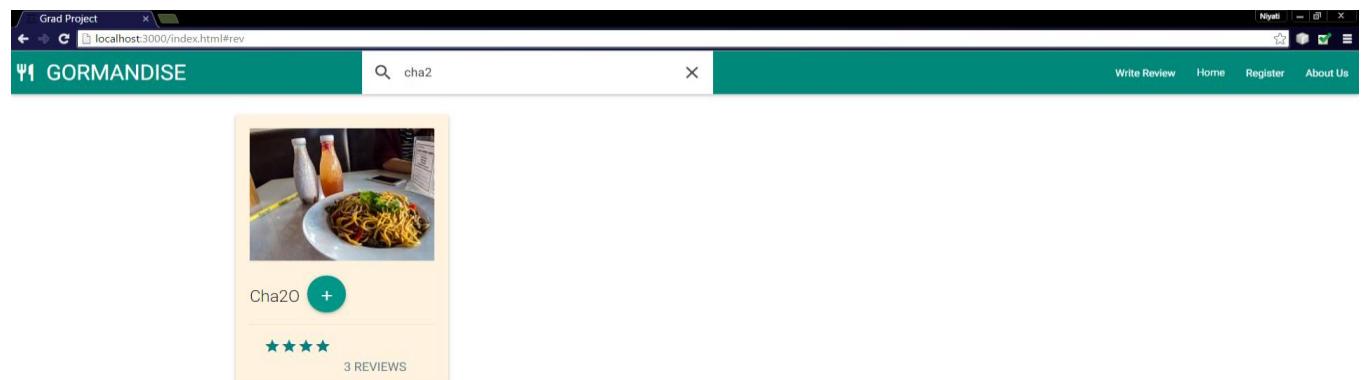
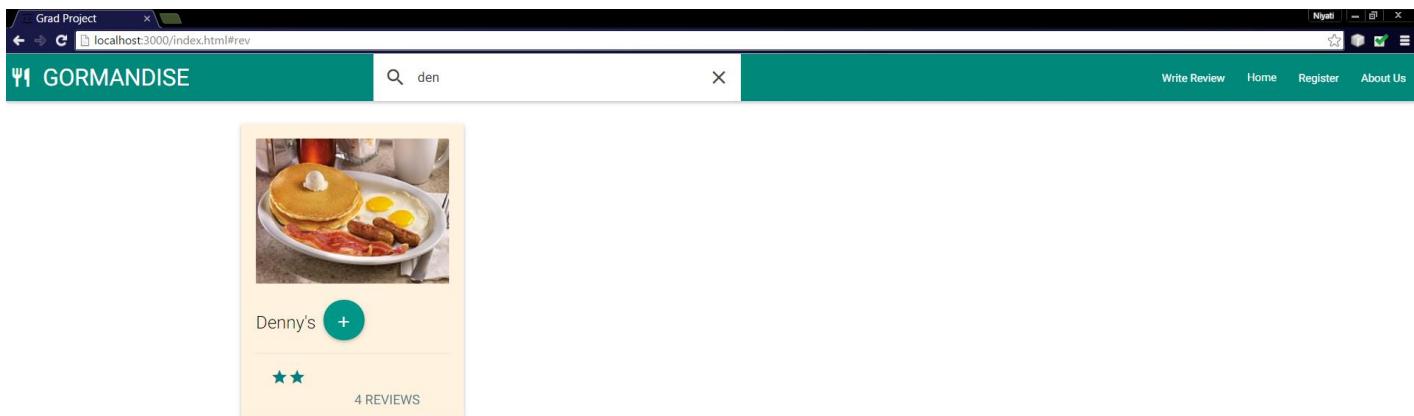
search for restaurants by name

Write Review Home Register About Us

Aloha Java	Thai Basil	Pizza Press	Dog Haus
★★★ 3 REVIEWS	★★ 2 REVIEWS	★★★★ 3 REVIEWS	★★★★★ 3 REVIEWS
Denny's	Cha2O	Soup Plantation	Carl's Jr.
★★ 4 REVIEWS	★★★★ 3 REVIEWS	★★★★ 2 REVIEWS	★★ 2 REVIEWS
Starbucks	Yoshinoya		
★★★★ 1 REVIEWS	★★ 1 REVIEWS		

SEARCH BAR-

Helps you search for restaurants.

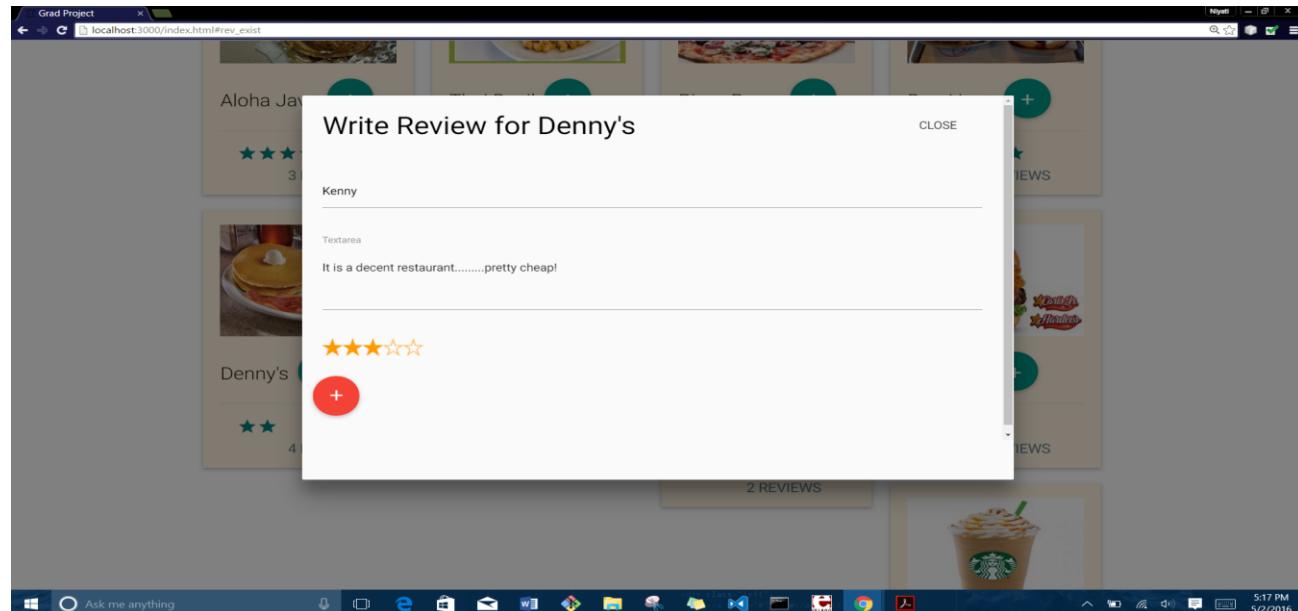
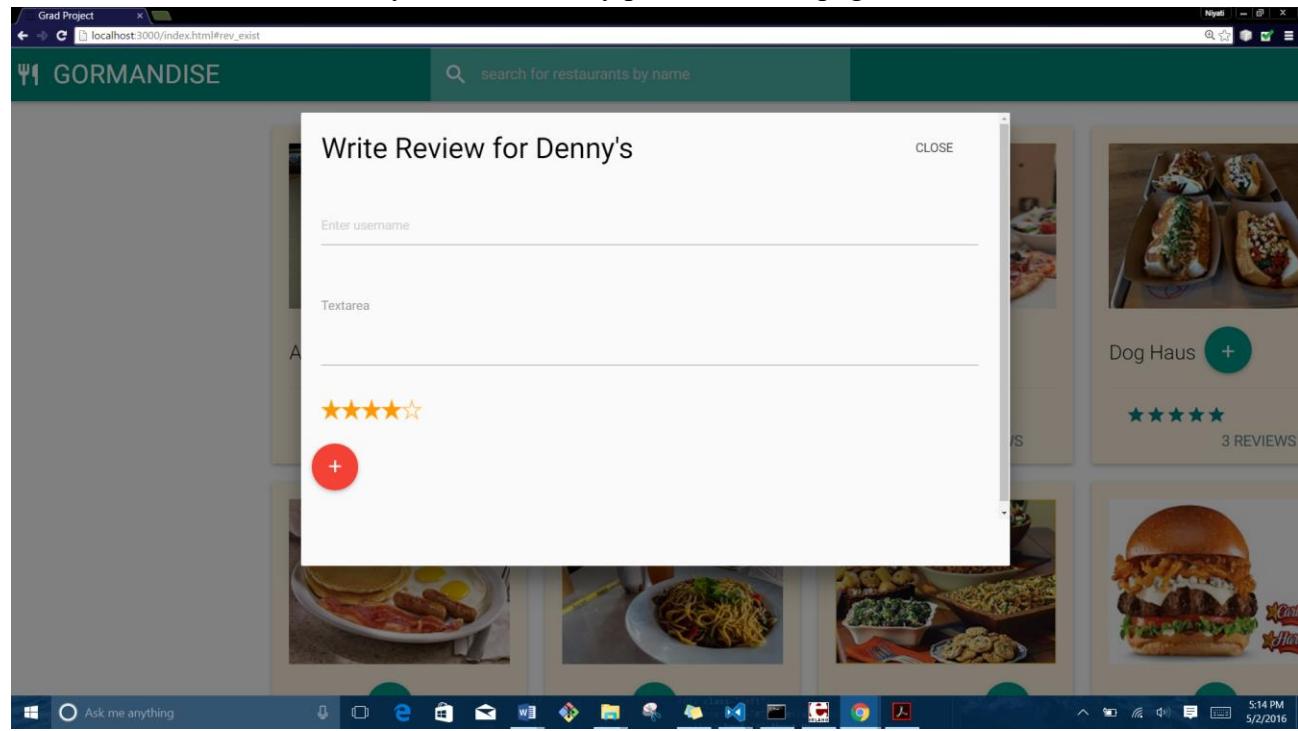


POST A REVIEW FOR EXISTING RESTAURANT ON WEBPAGE-

When you click on add button of a particular restaurant a modal open up as shown below where you have to enter the following details-

- 1) Username
- 2) Rating
- 3) Review

Let's write a review for Denny's that is already present on webpage



Once you click on the add button the modal closes and the review gets added to that restaurant (in this case Denny's). Snapshots of the database are shown below.

The screenshot shows the Apache CouchDB Futon interface. On the left, there is a table with the following data:

Field	Value
<code>_id</code>	<code>"res5"</code>
<code>_rev</code>	<code>"22-d392b1ba5a736851867281bd7a34ca8e"</code>
<code>_attachments</code>	<code>dennys.jpg</code> 17.8 KB, image/jpeg
<code>avg_rating</code>	2
<code>picname</code>	<code>"dennys.jpg"</code>
<code>res_name</code>	<code>"Denny's"</code>
<code>reviews</code>	<ul style="list-style-type: none"> <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <ul style="list-style-type: none"> <code>user_id "Kenny"</code> <code>username "Kenny"</code> <code>rating 4</code> <code>text "It is a decent restaurant.....pretty cheap!"</code>

Below the table, it says "Showing revision 11 of 11". At the bottom, there are links for "← Previous Version" and "Next Version →".

On the right side of the interface, there is a sidebar with various tools and links:

- Tools: Overview, Configuration, Replicator, Status
- Documentation: Manual
- Diagnostics: Verify Installation
- Recent Databases: _users, myusers, practice

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Everyone is admin. [Fix this](#)

Futon on Apache CouchDB 1.6.1

At the bottom, there is a Windows taskbar with icons for pieology.jpg and aloha.jpg, and a status bar showing "5:22 PM 5/2/2016".

As shown in the below snapshot the number of reviews for Denny's restaurants was 4 reviews-

The screenshot shows a web application displaying a grid of restaurant cards. Each card includes a thumbnail image, the restaurant name, a green circular button with a plus sign, a star rating, and the number of reviews. The cards are arranged in two rows of four.

Restaurant	Reviews
Aloha Java	3 REVIEWS
Thai Basil	2 REVIEWS
Pizza Press	3 REVIEWS
Dog Haus	3 REVIEWS
Denny's	4 REVIEWS
Cha2O	3 REVIEWS
Soup Plantation	1 REVIEWS
Carl's Jr.	2 REVIEWS

At the bottom, there is a Windows taskbar with icons for pieology.jpg and aloha.jpg, and a status bar showing "5:23 PM 5/2/2016".

After adding our review now we can see 5 reviews as shown below-

Screenshot of a web browser displaying a food review application. The page shows a grid of 8 restaurant cards. Each card includes a thumbnail image, the restaurant name, a green circular button with a '+' sign, a star rating, and the number of reviews.

Restaurant	Image	Rating	Reviews
Aloha Java		★★★★★	3 REVIEWS
Thai Basil		★★★★	2 REVIEWS
Pizza Press		★★★★★	3 REVIEWS
Dog Haus		★★★★★	3 REVIEWS
Denny's		★★	5 REVIEWS
Cha2O		★★★★★	3 REVIEWS
Soup Plantation		★★★★★	2 REVIEWS
Carl's Jr.		★★	2 REVIEWS

The browser interface includes a title bar 'Grad Project' and 'localhost:3000/index.html#rev_exist', a toolbar with various icons, and a status bar at the bottom showing the date and time '5/2/2016 5:27 PM'.

VIEWING REVIEWS OF EACH RESTAURANT-

As you can see each card on the web page shows the number of reviews given to a restaurant and when you click on it, a modal will open showing the list of reviews given by different users along with their username, the reviews and rating. Let's view reviews for Dog Haus-

The screenshot shows a web browser window with the URL `localhost:3000/index.html#`. The page has a dark green header with the title "GORMANDISE". Below the header is a search bar with the placeholder "search for restaurants by name". On the right side of the header are links for "Write Review", "Home", "Register", and "About Us". The main content area displays a grid of eight restaurant cards. Each card includes a small image of the restaurant's food, the restaurant's name, a "View Details" button, and its review count and average rating. The cards are arranged in two rows of four. The restaurants shown are Aloha Java, Thai Basil, Pizza Press, Dog Haus, Denny's, Cha2O, Soup Plantation, and Carl's Jr.

Restaurant	Avg Rating	Reviews
Aloha Java	★★★★★	3 REVIEWS
Thai Basil	★★★★★	2 REVIEWS
Pizza Press	★★★★★	3 REVIEWS
Dog Haus	★★★★★	3 REVIEWS
Denny's	★★★	5 REVIEWS
Cha2O	★★★★★	3 REVIEWS
Soup Plantation	★★★★★	2 REVIEWS
Carl's Jr.	★★★	2 REVIEWS

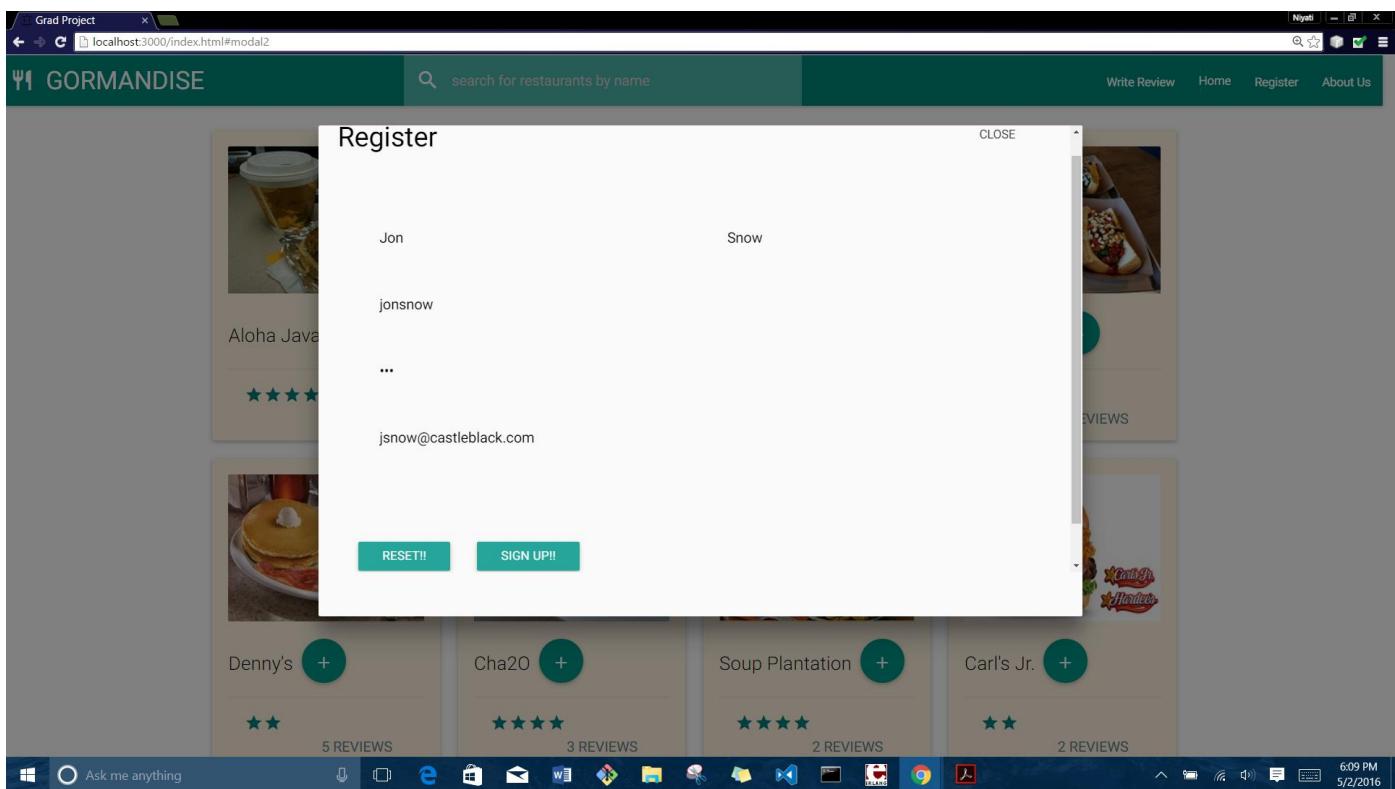
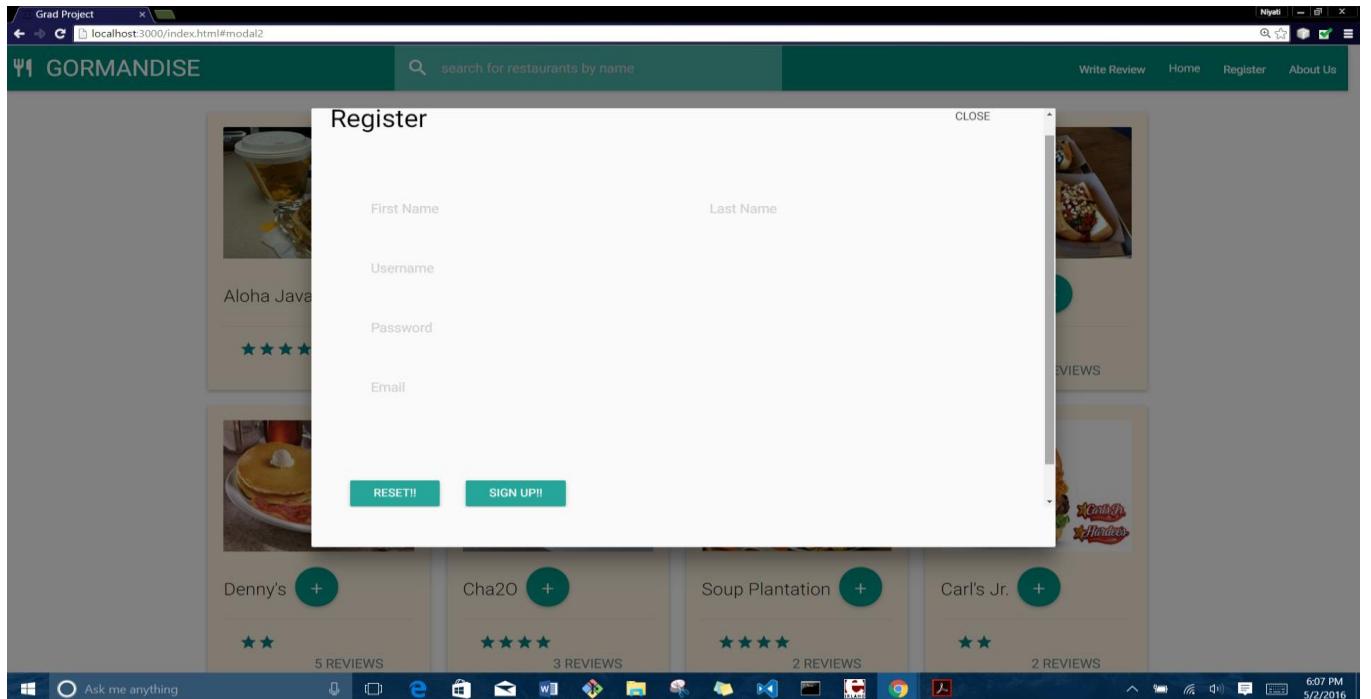
The screenshot shows a modal dialog box titled "View Reviews" overlaid on the previous index page. The modal contains three entries of reviews from different users:

- Name: niyati
Comment: This place is heaven if u like dogs!!!
Rating: ★★★★★
- Name: jamie
Comment: Great!!!
Rating: ★★★★★
- Name: swanad
Comment: nice burgers
Rating: ★★★★★

The background of the modal is white, and the underlying index page is dimmed. The "CLOSE" button in the top right corner of the modal allows the user to close it and return to the index page.

REGISTER-

The registration only adds a user to the database. Login has not been implemented. The registration of user is explained below. Once you click on register a modal pops up. Enter user details in the form-



Once you click on Signup the modal closes and the user is added to the database as shown-

Key	Value
"dipika"	{ "_id": "dipika", "_rev": "1-4224ac05848d1076900dac13df7aa085"} }
"gmk"	{ "_id": "gmk", "_rev": "1-644a6fc74581ab44b1b3fc024e6599d0"} }
"jonsnow"	{ "_id": "jonsnow", "_rev": "1-d744b5c5b0cd77f5e6c0a7d5ff43099e"} }
"marcella"	{ "_id": "marcella", "_rev": "1-34d47a4e1ec55f3aebae240c081a3a6f"} }
"user1"	{ "_id": "user1", "_rev": "8-63a964d724d9016daf0a14a8c781686d"} }
"user2"	{ "_id": "user2", "_rev": "8-7295f490632c97d90cca42f15dd1fc15"} }

Showing 1-6 of 6 rows



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[_users](#)
myusers
[practice](#)
[restaurants](#)

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Futon on Apache CouchDB 1.6.1
6:13 PM
5/2/2016

Field	Value
_id	"jonsnow"
_rev	"1-d744b5c5b0cd77f5e6c0a7d5ff43099e"
email	"j.snow@castleblack.com"
firstname	"Jon"
lastname	"Snow"
password	"got"
username	"jonsnow"



Tools
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Diagnostics
[Verify Installation](#)

Recent Databases
[_users](#)
myusers
[practice](#)
[restaurants](#)

Welcome to Admin Party!
Everyone Is admin. [Fix this](#)

Futon on Apache CouchDB 1.6.1
6:14 PM
5/2/2016

Field	Value
_id	"jonsnow"
_rev	"1-d744b5c5b0cd77f5e6c0a7d5ff43099e"
email	"j.snow@castleblack.com"
firstname	"Jon"
lastname	"Snow"
password	"got"
username	"jonsnow"

CONCLUSION-

I enjoyed working on this project of building a new website like yelp. I got to learn 2 new technologies (AngularJS and Couchdb). Although there were many more things I wanted to implement in the website like login, implementing the safety of locations before moving to that location, proper uploading of image attachments to the restaurant database I have tried my best to submit a working website.

For the databases I have attached json files in the project folder. There are 2 json files-

- 1) Restaurantdb
- 2) Userdb