

CPSC 473

Web Front-End Engineering for Internet Applications



CALIFORNIA STATE UNIVERSITY
FULLERTON[™]

Department of Computer Science,
California State University, Fullerton

PROJECT – 1

RateYaBoss

Submitted to:

Professor Kenyett Avery

Submitted By:

Chris Anderson
Natalie Ceballos
Anika Corpus
Luke Higgott
Felipe Perez
Manali Tawde

Find the source code at <https://github.com/higgottluke/project-1>

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I. Motivation

RateYaBoss is a an online web application dedicated to relieving your stress by writing what you need to say in an anonymous way. Tired of keeping things to yourself? RateYaBoss lets you talk the good, the bad, and the ugly of anyone that has you feeling down. Simply use the search bar to look for an existing thread, or create a new one and post away. This application allows thoughts to be put into one place for any community, anywhere, anytime.

II. Introduction

RateYaBoss application is a review sharing platform.It is a sole page application that allows employees to rate their bosses. Search bar provided helps to find a boss for reviews reading or adding one.This website also has the functionality to add new boss for further scrutiny. The user post their reviews anonymously. This feature is implemented purposely for user safety and secured self identity. It further gives all the employees freedom to speak their heart without any pressure. This application proves to be fatal for all the people who want to know about a particular boss. Valuable reviews that the experienced employees provide can help the amateurs to get prepared mentally or physically for working under a particular boss.

To implement the project, we used the following technologies:

1. HTML5.
2. Bootstrap, CSS for the front end.
3. JavaScript and Node.js.

III.Scope

This document describes the functionalities of our RateYaBoss web application. It also describes the configurations and required settings in order to run it on the system. Upon completing this application, features such as post, search, and action (e.g. like a post) will be available for every user. This will enable ongoing threads from community members. Similar to the site ratemyprofessor, this application extends that experience to any person and does not necessarily have to be an instructor at a university. They can simply be an ungrateful employer.

IV. Setup and Installation

This application is currently running on local machines. In order to use the application and its' features, the user must download the following requirements and follow the listed instructions.

Windows Users:

Clone the project from the following github url:

(<https://github.com/higgottluke/project-1.git>)

- Download and install node.js from <https://nodejs.org/>
- "npm install" for installing all the node modules.
- Download JSON Server.
- Run the website "RateYaBoss" using the following url: (<http://localhost:3000/>)

V. Functionalities

1. Search bar for finding a particular Boss
2. Give your valuable reviews on that boss
3. Rating your boss into various sub categories.
4. Comment anonymously. Hide your identity.
5. Provides as a reference for other employees to understand conduct and behaviour of any boss towards their employees.
6. Ability to add new boss.
7. Realtime comment reviews display.

VI. Setup Instructions

- Clone the project from the following github url: (<https://github.com/higgottluke/project-1.git>)
- Download and install node.js from <https://nodejs.org/>
- “npm install” for installing all the node modules.
- Run the website “RateYaBoss” using the following url: (<http://localhost:3000/>)

VII. JavaScript Files

1. postorganizer.js

This file provides the functionality for adding, removing, displaying all comments post. It also posts sub-comments as the responses to the main posts and tags.

2. postlist.js

Responsible for rendering the posts on the website via AJAX. Instead of refreshing the entire page it's injecting information via the DOM.

3. remotedatastore.js

Mainly intended for storing data in a remote location via a webservice. Provides database support.

4. datastore.js

Provides local database support and can be used only in offline mode.

VIII. Application In Action

1. Home page RateYaBoss

[Home](#) [About](#) [Rules](#) [© 2017 A Group of People Trying Their Best](#)

Rate Ya Boss

A Place to Vent Annononymously about your Everyday Frustrations

[Search](#)

Say something.

Boss First Name:	Boss Last Name:	Posted By:	Company Name:	Boss Job Title:	Comments:
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Submit"/>					

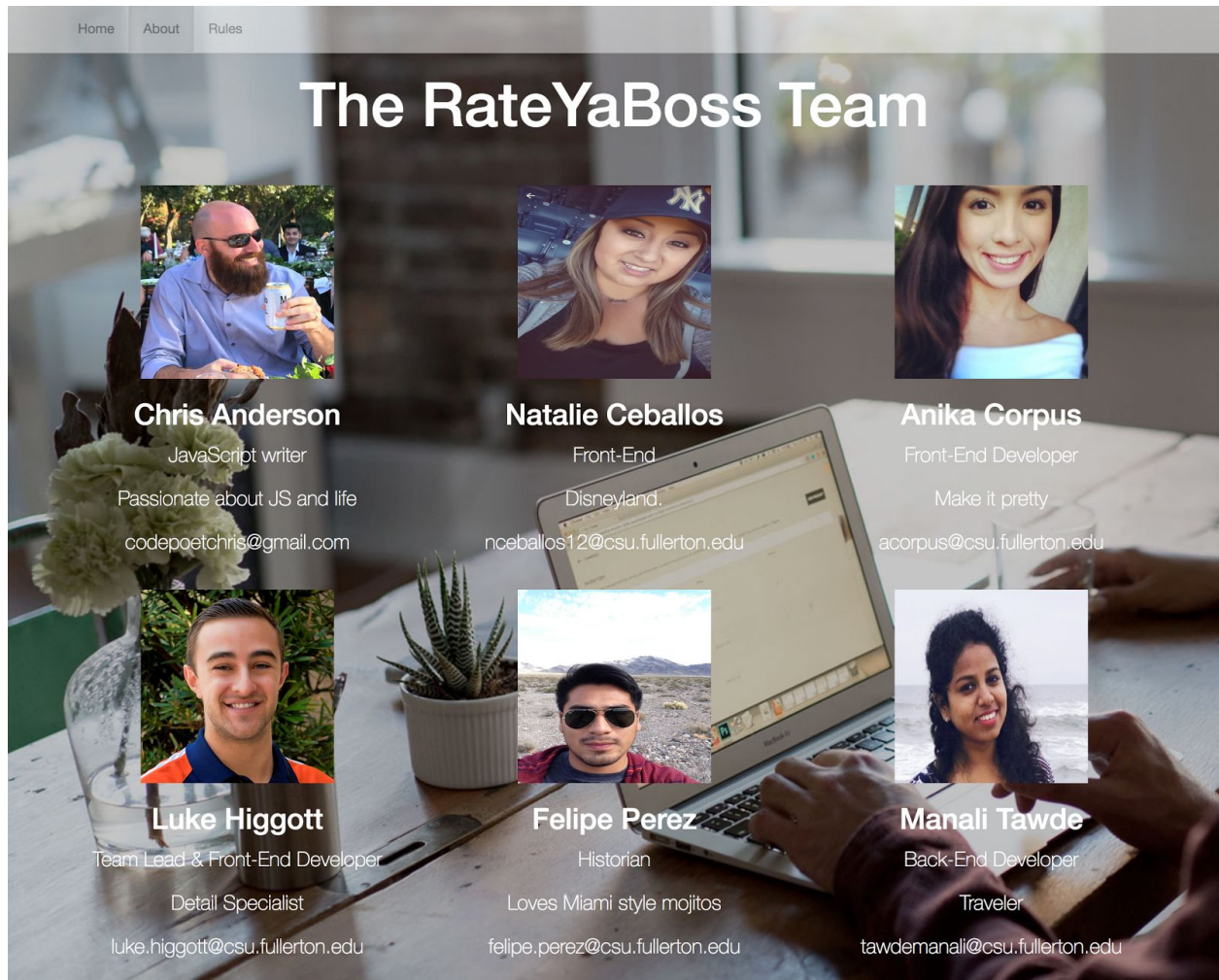
Joe Shmo
Human Resources Coordinator at RateYaBoss.com
★ ★

[CREEP](#) [MADE ME CRY](#) [CONSTANTLY ON VACATION](#) [PAYS WELL](#)

Jane Doe
Associate Director, Business Operations at RateYaBoss.com
★ ★ ★


[VERBALLY ABUSIVE](#) [MADE ME CRY](#) [WEIRD OUTFITS](#)

2. About Page


The screenshot shows the 'About' page of the RateYaBoss website. At the top, there is a navigation bar with 'Home', 'About', and 'Rules' links. The main heading is 'The RateYaBoss Team'. Below this, six team members are featured in a grid. Each member has a profile picture, name, role, a short bio, and an email address. The background of the page is a blurred image of a desk with a laptop, a potted plant, and a vase of flowers.

Home About Rules


The RateYaBoss Team




Chris Anderson
JavaScript writer
Passionate about JS and life
codepoetchris@gmail.com




Natalie Ceballos
Front-End
Disneyland.
nceballos12@csu.fullerton.edu




Anika Corpus
Front-End Developer
Make it pretty
acorpus@csu.fullerton.edu



Luke Higgott
Team Lead & Front-End Developer
Detail Specialist
luke.higgott@csu.fullerton.edu

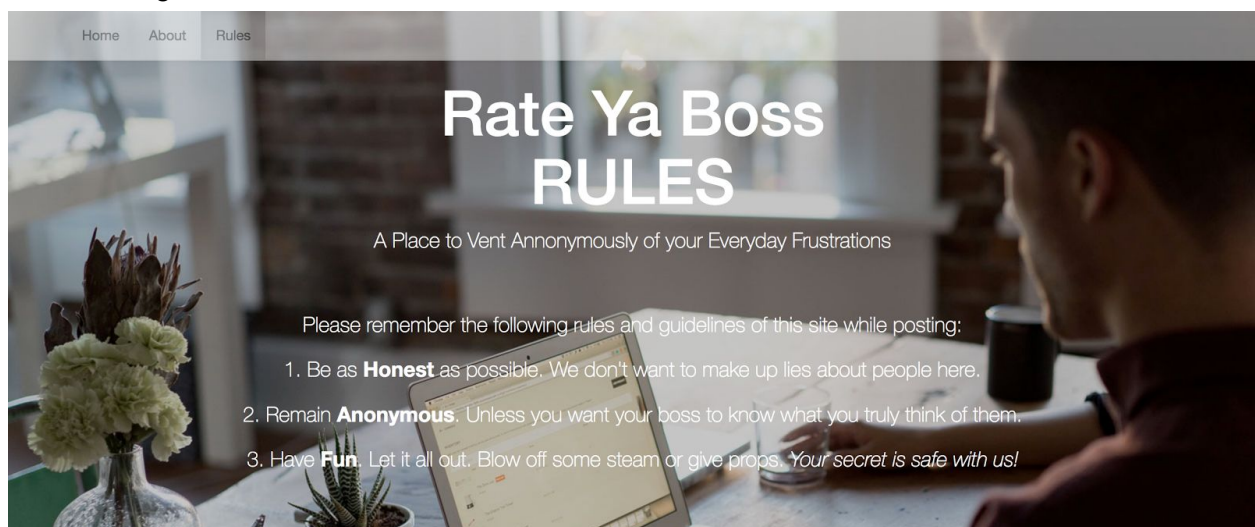


Felipe Perez
Historian
Loves Miami style mojitos
felipe.perez@csu.fullerton.edu



Manali Tawde
Back-End Developer
Traveler
tawdemanali@csu.fullerton.edu

3. Rules Page

The screenshot shows the 'Rules' page of the RateYaBoss website. At the top, there is a navigation bar with 'Home', 'About', and 'Rules' links. The main heading is 'Rate Ya Boss RULES'. Below this, there is a subtitle 'A Place to Vent Anonymously of your Everyday Frustrations'. A paragraph asks users to remember the following rules and guidelines while posting. Three rules are listed: 1. Be as Honest as possible, 2. Remain Anonymous, and 3. Have Fun. The background of the page is a blurred image of a desk with a laptop, a potted plant, and a vase of flowers.

Home About Rules

Rate Ya Boss RULES

A Place to Vent Anonymously of your Everyday Frustrations

Please remember the following rules and guidelines of this site while posting:

1. Be as **Honest** as possible. We don't want to make up lies about people here.
2. Remain **Anonymous**. Unless you want your boss to know what you truly think of them.
3. Have **Fun**. Let it all out. Blow off some steam or give props. *Your secret is safe with us!*

IX. References

- Bootstrap documentation: <http://getbootstrap.com/css/>
- Rate My Professor Application: <https://www.ratemyprofessors.com/>
- Font-End Web Development - The Big Nerd Ranch Guide by Chris Aquino and Todd Gandee