

Final Report

Alternative App Marketplace for cloud based ticketing software
Project codename: GiveThatDevACookie



🍪 Introduction

Alternative app marketplace is a website which enables developers to advertise their apps by providing minimum information and effort.

Alternative app marketplace consists of the following features: **Landing page, Contact page, Apps page, Favorite apps page, Share an app page, App page, Login.**

GiveThatDevACookie application allows sharing references for app, scripts or web services relevant to tickets industry. Without registration users can browser apps. Login users can share apps, add apps to favorites and provide feedbacks for other apps.

🍪 Design and Implementation

The application structure is based on the application that was developed during the Full Stack Web Development specialization. While the core structure remained the same there were number of changes done to have new structure in line with project requirements. **These are some of the changes:**

- 🍪 Removing unused controllers & factories
- 🍪 Removing unused routes & pages
- 🍪 Renaming objects and structure
- 🍪 Changing pages behavior and structure
- 🍪 Updating author and application details

Due to project time constrains some application features were de-prioritized or significantly simplified. These are some of features that were affected:

- 🍪 Contact us form is fully properly connected to the backed
- 🍪 Missing app filters for "My apps"
- 🍪 Not much logic around App feedback submission

Technology stack used for GiveThatDevACookie application is described in the table below.

#	Technology	Comment
1	nodejs including express and related librarires	Back-end server to enable REST API interface and serve the application files
2	Mondgodb including mongoose	NoSQL data base for better scalability and implementation
3	angularJS including ui-router, mocks, resource, route, dialog	Front-end JS framework to structure the implementation and make it compatible with hybrid platforms
4	Bootstrap including carousel	UI framework for simplification of development process

Browser application screenshots:

GiveThatDevACookie Home Browse apps Share app Favorites Contact app_admin Logout

GiveThatDevACookie

Alternative marketplace for ticketing systems which enables busy developers to share their apps in quick and effective way.

Login or register to start sharing

Bulk ticket delete app

A full-page Zendesk nav bar app enables you to run search queries to fetch required data and remove it in few clicks.

View details »

Delete organization with tag

Ruby script which allows deleting specific Zendesk organization which contains a tag

View details »

Systems integrator Zapier

Easy automation for busy people. Zapier moves info between your web apps automatically, so you can focus on your most important work.

View details »

Browse apps

[GiveThatDevACookie](#) / [Browse apps](#)

All apps

Apps

Scripts

Web Services



Bulk ticket delete app zendesk delete ticket js



Parse and Set app zendesk parse set js



Attachment reminder app attachment reminder js



Delete organization with tag zendesk delete organization tag ruby



CSV export command line zendesk csv export ruby

App details

[GiveThatDevACookie](#) / [Browse apps](#) / [App details](#)



Bulk ticket delete app zendesk delete ticket js

A full-page Zendesk nav bar app enables you to run search queries to fetch required data and remove it in few clicks.

Shared by Andrey Sarapulov

Download

Add to favorites

☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ 5

Your feedback

Submit Feedback

Feedbacks

5 Stars

Great app, adds value!

— Andrey Sarapulov, May. 03, 2017

3 Stars

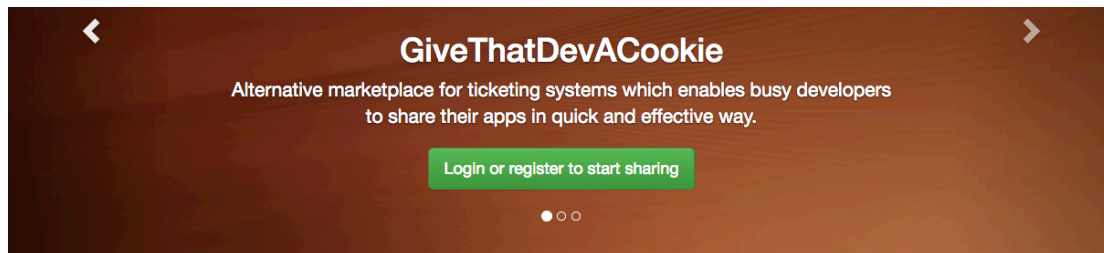
Failed many times. Request to improve!

— Andrey Sarapulov, May. 03, 2017

4 Stars

This is great solution, but had to fix few bugs before using it

— Andrey Sarapulov, May. 03, 2017



Favorites

[GiveThatDevACookie](#) / [Favorites](#)

[All apps](#) [Apps](#) [Scripts](#) [Web Services](#)



✕ [web_service](#) [tray](#) [zendesk](#)

Increase your productivity by integrating the services you use everyday



✕ [app](#) [zendesk](#) [labs](#) [timezone](#)

Shows the Timezone and current local time of the requester (based upon their user profile)

Contact us

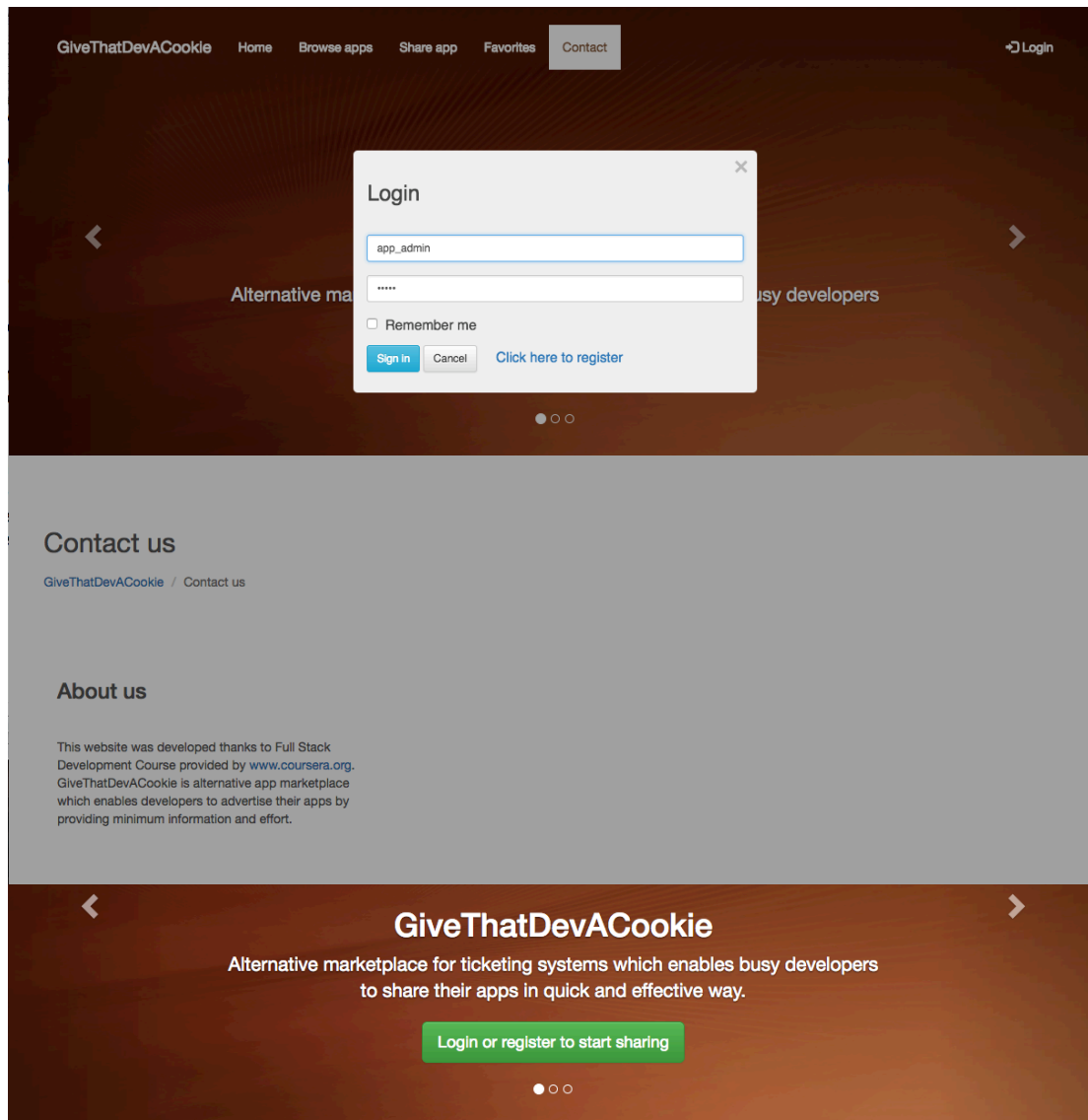
[GiveThatDevACookie](#) / [Contact us](#)

About us

This website was developed thanks to Full Stack Development Course provided by www.coursera.org. GiveThatDevACookie is alternative app marketplace which enables developers to advertise their apps by providing minimum information and effort.

Contact us

First Name	<input type="text" value="Enter First Name"/>
Last Name	<input type="text" value="Enter Last Name"/>
Email	<input type="text" value="Email"/>
Feedback	<div><div></div></div>
	<input type="button" value="Submit"/>



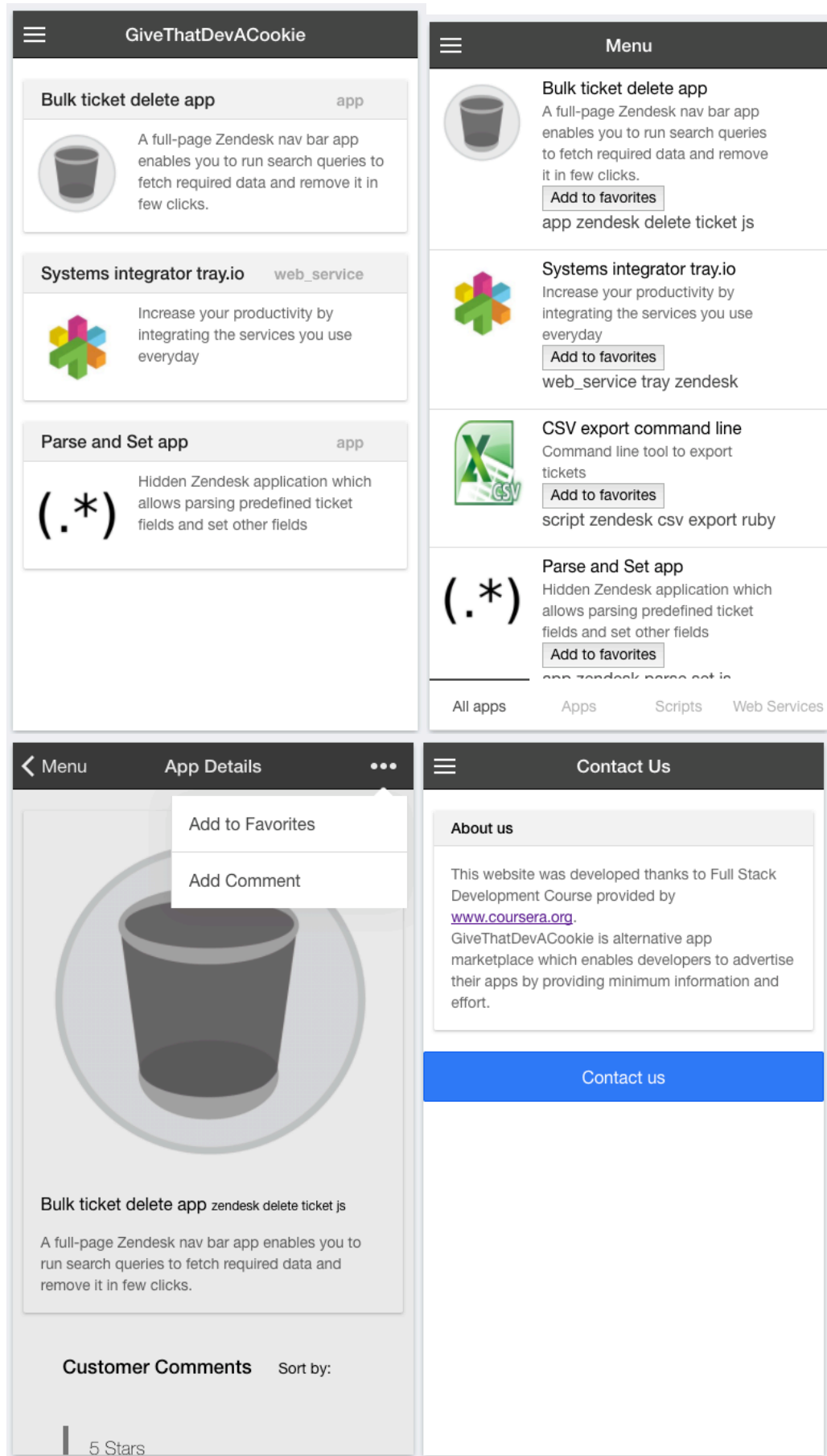
Share app

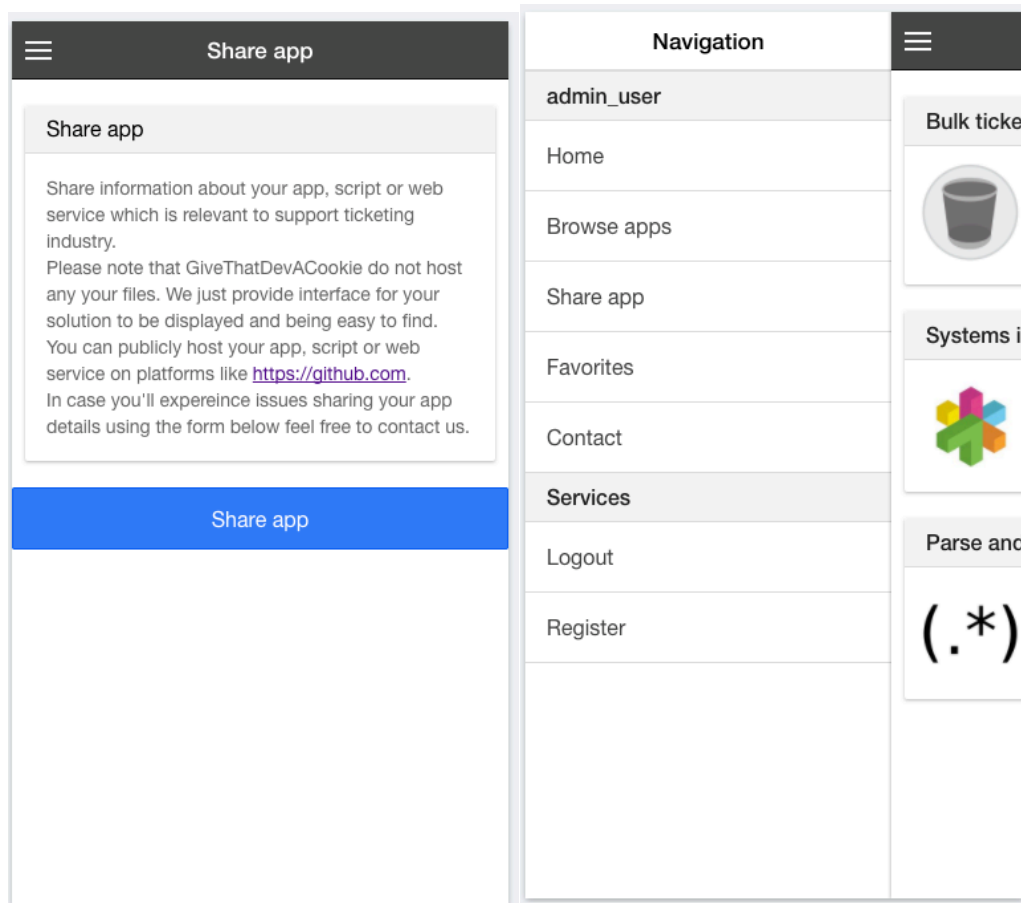
[GiveThatDevACookie](#) / [Share app](#)

Share information about your app, script or web service which is relevant to support ticketing industry. Please note that GiveThatDevACookie do not host any your files. We just provide interface for your solution to be displayed and being easy to find. You can publicly host your app, script or web service on platforms like <https://github.com>. In case you'll experience issues sharing your app details using the form below feel free to contact us.

App title	<input type="text" value="Best app ever"/>
App description	<input type="text" value="App can interact with the other objects in way nobody done before"/>
App icon URL	<input type="text" value="https://www.google.de/images/branding/googlelogo/2x/googlelogo_color_272x92dp.png"/>
App download URL	<input type="text" value="https://github.com/"/>
App category	<input type="text" value="App"/>
App tags	<input type="text" value="best_app innovation next_uber"/>
<input type="button" value="Share app"/>	

Hybrid application screenshots:





🍪 Conclusions

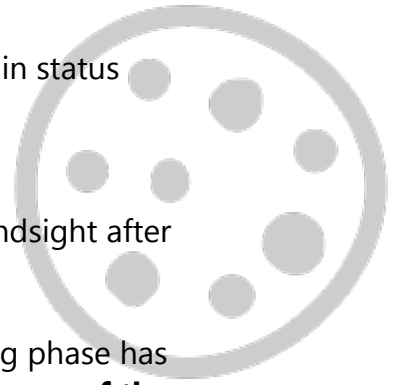
GiveThatDevACookie project was amazing way to summarize everything what was learned during the Full Stack Web Development Specialization. **Some of the results I obtained from these projects are:**

- 🍪 Repeat and strengthen the materials learnt in previous courses
- 🍪 Got familiar with full development cycle from idea to implementation
- 🍪 Learnt how different part of complex system come together
- 🍪 Seen and noted other students approaches to similar issue

The main issue faced this project is timing. Capstone project is reasonable size and my inner developer wanted to make it perfect. However, time constrains on the project pushed me to simplify number of things. In real life those features are typically handled in agile manner and improved as project develops. **List below contains some of the features that were not fully completed or de-prioritized:**

- 🍪 Integration of Contacts form
- 🍪 Intelligent App filters. For example, "My apps"
- 🍪 Ability to remove personal apps

- 🍪 More app categories
- 🍪 Better form and buttons handlers depending on user login status
- 🍪 App list pagination
- 🍪 Footer links



Discuss any choices that you might have made differently, in hindsight after completing the project.

After planning and design phase was over and actual developing phase has started some of the original choices were changed. **Below are some of the choices that were amended:**

- 🍪 Change of the nav bar. Original plan was have it with background. In final project it uses carousel background
- 🍪 Breadcrumbs location. Originally it was planned to be above the header. In final project it been placed below the header of every page
- 🍪 App labels and tags. Originally it was planned to show them as one line. In final project it been presented as separate tags

🍪 References

Full application (server-side and client-side) is publicly available on github
<https://github.com/Sarapulov/GiveThatDevACookie>

Hybrid mobile application repository is available on github
<https://github.com/Sarapulov/GiveThatDevACookie-hybrid>

Other project related reports available on github
<https://github.com/Sarapulov/GiveThatDevACookie/tree/master/reports>

Application is publicly available on heroku instance at
<https://givethatdevacookie.herokuapp.com/#/>

Bootstrap framework <http://getbootstrap.com/>

Bootstrap theme inspiration <http://getbootstrap.com/examples/carousel/#>

Cookie image used in this documented taken from
<https://thenounproject.com/term/cookies/122417/>