



RequestIT

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RequestYOUR Software

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OS:

Linux/Unix:

Windows:

Required by

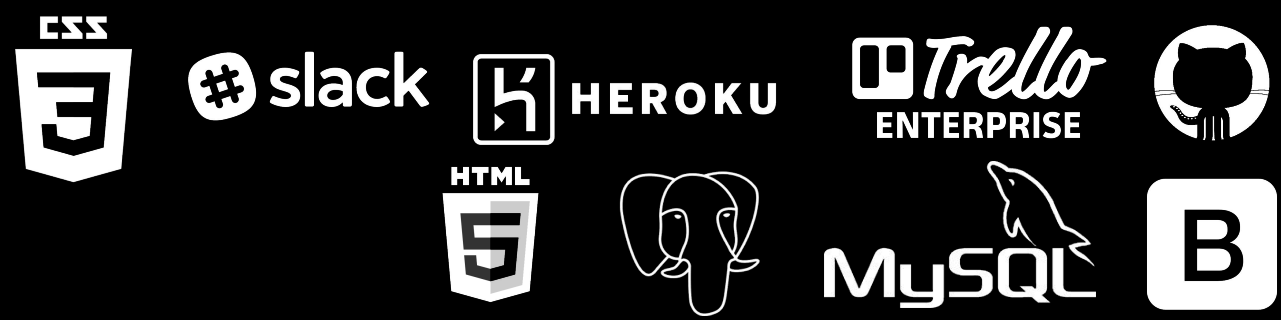
mm/dd/yyyy

Additional Details

Comments

SUBMIT

Tools Used



❖ Trello for project management

- Rating: 2, unnecessary when you can meet in person, felt disorganized

❖ Slack for communication

- Rating: 5, great for communication amongst all devices, easily share files and code

❖ Github for VCS repository

- Rating: 4, easy to use and everyone was familiar with the site

❖ Postgres, MySQL for database

- Rating: 2, different syntax than MySQL, unnecessarily difficult to work with, everything has to be in lowercase

❖ Heroku hosts app

- Rating: 4, has multiple language supports and easy to use, however, forces you to use own version of SQL

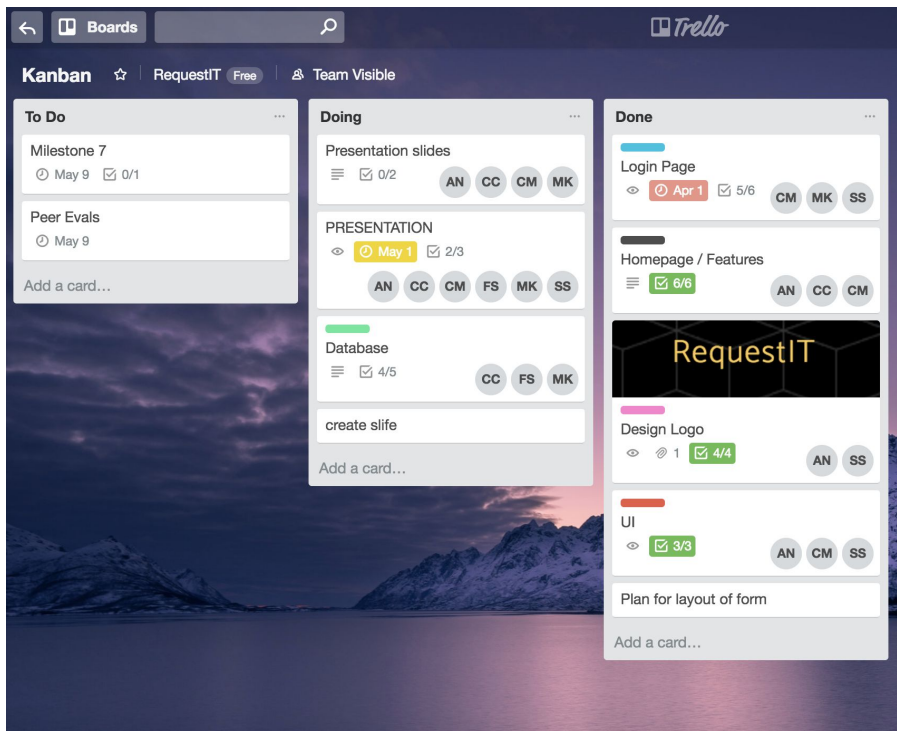
❖ HTML, CSS and Bootstrap used frontend

- Rating: 5, easy to work with, bootstrap does all of the hard formatting for you!

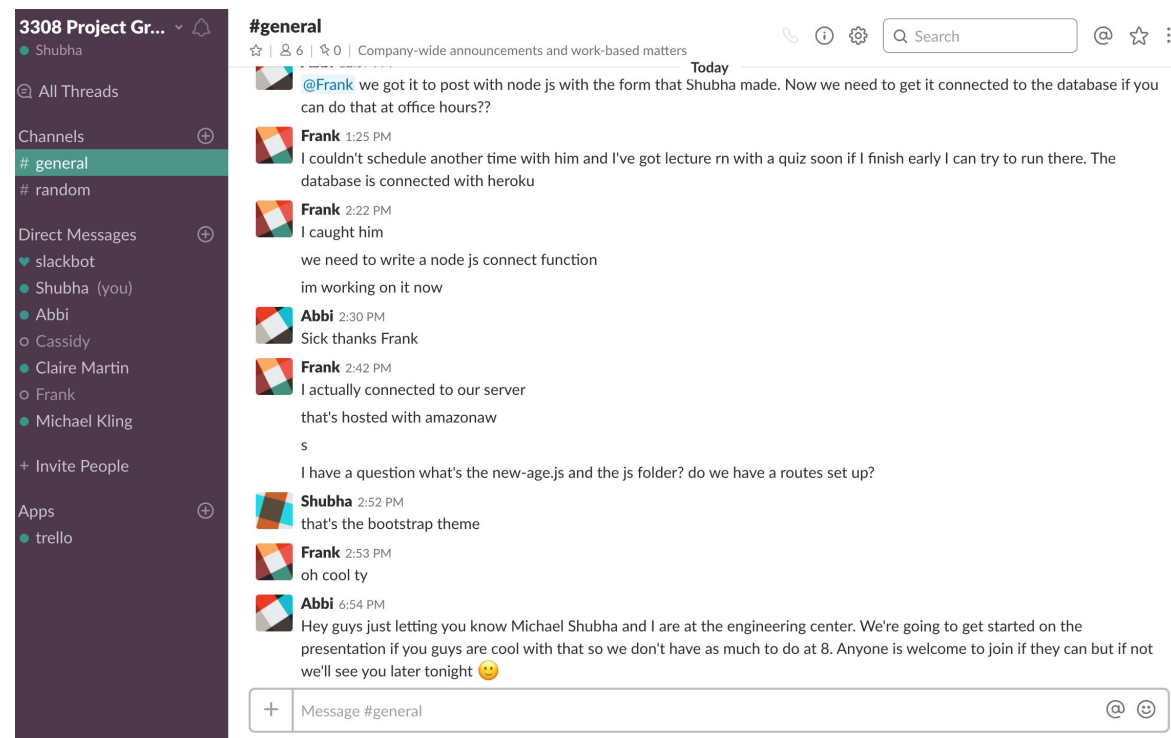
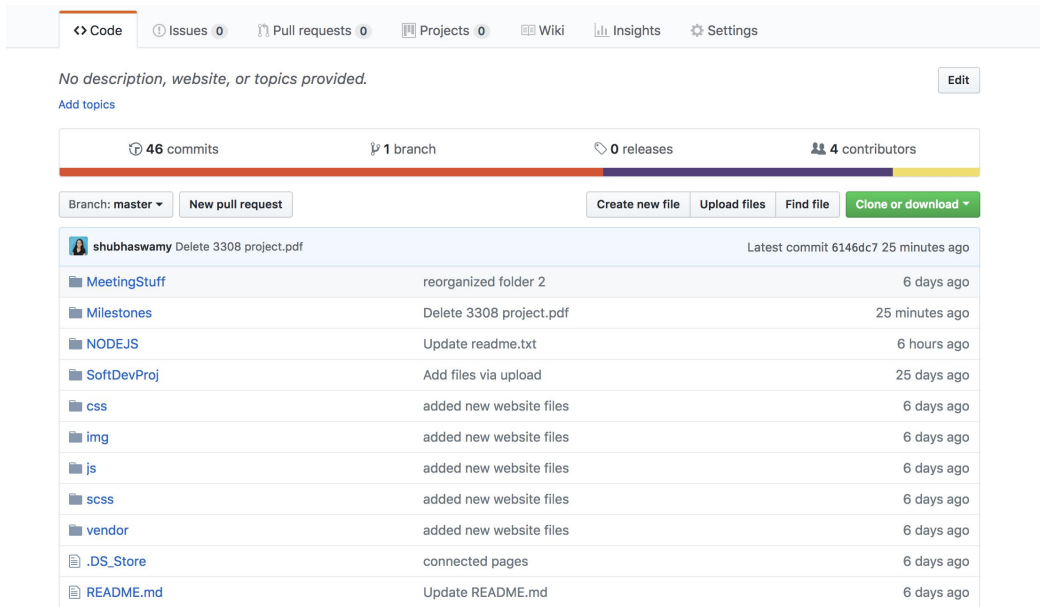
❖ Node.js

- Rating: 1, terrible documentation, inconsistencies and unintuitive language to work with





```
1 <!DOCTYPE html>
2 <html lang="en">
3
4 <head>
5
6 <meta charset="utf-8">
7 <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
8 <meta name="description" content="">
9 <meta name="author" content="">
10
11 <title>RequestIT</title>
12
13 <!-- Bootstrap core CSS -->
14 <link href="vendor/bootstrap/css/bootstrap.min.css" rel="stylesheet">
15 <!-- Custom fonts for this template -->
16 <link rel="stylesheet" href="vendor/font-awesome/css/font-awesome.min.css">
17 <link rel="stylesheet" href="vendor/simple-line-icons/css/simple-line-icons.css">
18 <link href="https://fonts.googleapis.com/css?family=Lato" rel="stylesheet">
19 <link href="https://fonts.googleapis.com/css?family=Catamaran:100,200,300,400,500,600,700,800,900"
20 rel="stylesheet">
21 <link href="https://fonts.googleapis.com/css?family=Mulit" rel="stylesheet">
22
23 <!-- Plugin CSS -->
24 <link rel="stylesheet" href="device-mockups/device-mockups.min.css">
25
26 <!-- Custom styles for this template -->
27 <!-- <link href="css/new-age.min.css" rel="stylesheet"> -->
28 <link href="css/new-age.css" rel="stylesheet">
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30 </head>
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32 <body id="page-top">
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36 <!-- Navigation -->
37 <nav class="navbar navbar-expand-lg navbar-light fixed-top" id="mainNav">
38 <div class="container">
39 <a class="navbar-brand js-scroll-trigger" href="#page-top">RequestIT</a>
40 <button class="navbar-toggler navbar-toggler-right" type="button" data-toggle="collapse"
41 data-target="#navbarResponsive" aria-controls="navbarResponsive" aria-expanded="false" aria-label="
42 Toggle navigation">
43 <i class="fa fa-bars"></i>
44 </button>
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46 </div>
47 </nav>
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Project Management Methods

❖ Iterative management

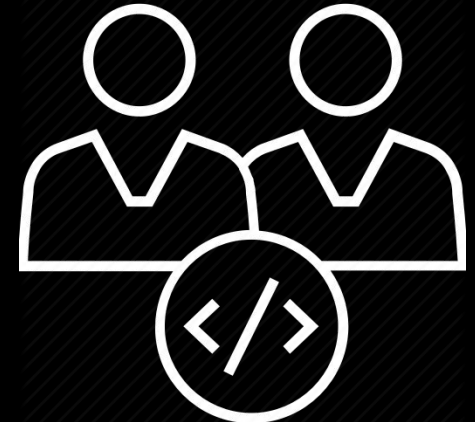
- Rating: 4, helped ensure organization of each feature on site, didn't lock us into one state but rather allowed us to review and revisit features we wanted to improve or change

❖ Pair Programming

- Rating: 5, great for efficiency, helped through road blocks and enhanced cohesion in the group

❖ Peer Code Reviews

- Rating: 5, Definitely increased effectiveness of the code and helped find errors or bugs that the original creators may have missed



Challenges

- ⇒ Finding times to meet
 - To overcome this we used Slack to fill people in if they couldn't make the meeting time. This affected our project plan by slowing us down but not by much.
- ⇒ Connections between database and the form
 - Our group had the least amount of knowledge in this area so to overcome this, multiple members of the group worked together to figure it out instead of only having the one person assigned to it figure it out alone. It occupied lots of time and we had to change our original thoughts on how our stack would look

Challenges ctd..

➤ Innovation

- Our team didn't come in with any ideas for the project so getting started was rather slow, it's hard to force creativity! Thankfully, our team member Frank had a practical issue to tackle at his job through the OIT and gave birth to RequestIT.

➤ Design of Page

- RequestIT adds a helpful function to the OIT office through CU, however, we didn't want to mimic the same boring format the school uses and we aren't necessarily art majors so this factor came slowly but surely! Shubha created the vision to a very sleek site.

Stop
waiting.
Start
requesting.

LOGIN

REGISTER

RequestIT

ABOUT FEATURES LOGIN TEAM

RequestIT allows
University of Colorado
Boulder's student, staff,
and faculty to request
software to work on
projects they would
like!

LEARN MORE

RequestYOUR Software

First and Last Name

OS:

Linux/Unix:

Windows:

Requested by:

mm/dd/yyyy

Additional Details:

Comments

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First and Last Name

OS:

Linux/Unix:

Windows:

Requested by:

mm/dd/yyyy

Additional Details:

Comments

Request your software and start building!

Our website is free to use. All you need is a @colorado.edu email address

EXPLORE FEATURES

Make it easy to request software you may need

Check out some of our features!



Operating Systems

We have software compatible with
MAC OS X, Windows, and Linux



Software

Make use of 40+ different types of
software



Easy to Use

Experience a fluid design with our easy



Secure

Easy to setup your account quickly

RequestIT

RequestYOUR Software

ABOUT FEATURES LOGIN TEAM

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Comments

DEMO TIME