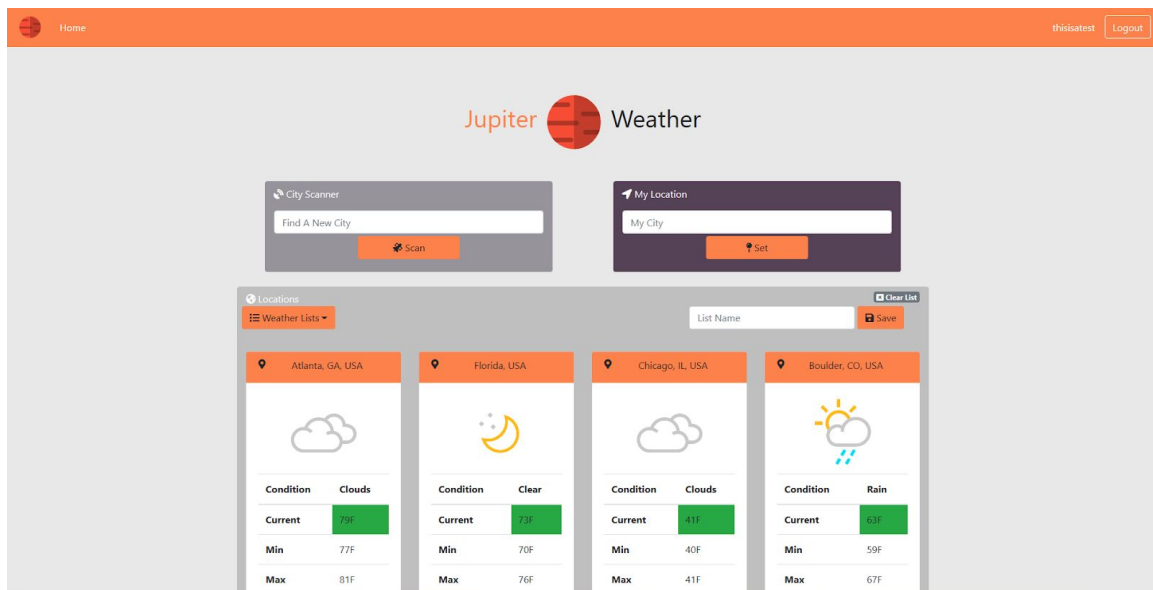


Jupiter Weather

Alex Mazur, Aileen Ma, Brianna Griffin, Owen Carlson

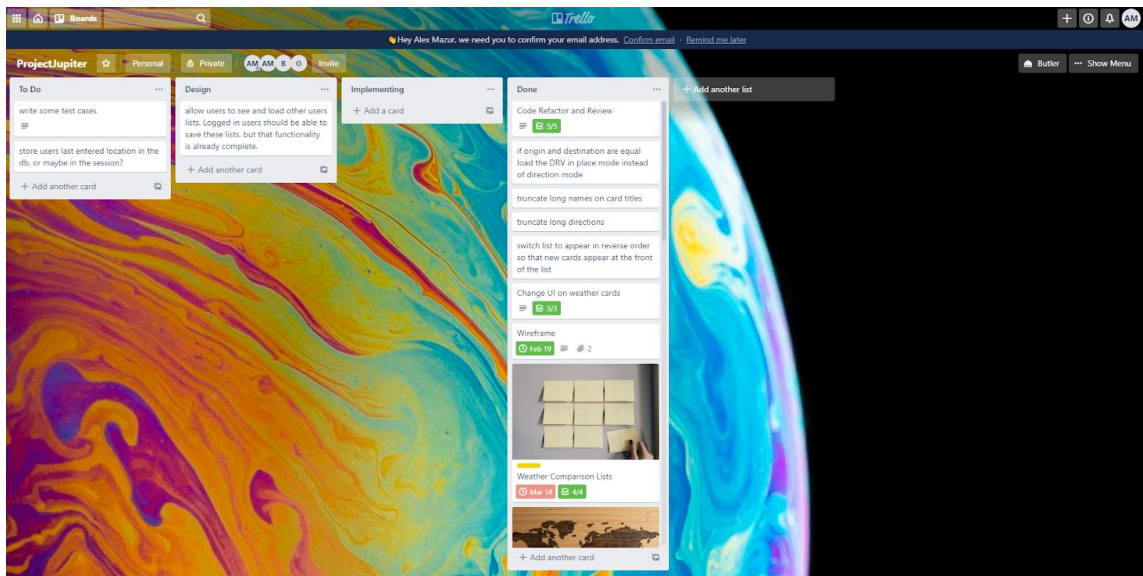
Project Description:

Jupiter Weather is an express / node website that is hosted on Heroku. The website allows users to quickly and easily compare the weather at multiple locations at the same time. Each card contains the current conditions (rain, sun, snow, etc.), and an icon for every condition, current temperature, max / min temperature, and a field for displaying travel times. Each location is stored in a list of cards that a user can save to a MongoDB database and reload at a later date. Users can also set their location and view travel times on each card. Clicking on cards when the user has set their location will open up an embedded directions map. The background is dynamic and changes every 8 hours.



Project Tracker:

Link to our Trello: <https://trello.com/b/gy1rv70X/projectjupiter>



Optional Video:

<https://www.youtube.com/watch?v=C6VeMvivV9A>

VCS:

Link to our Github repository: https://github.com/bouldercoder9/cs3308_project

Contributions:

Alex Mazur (bouldercoder9): Every technology was set up, worked on, and implemented solely by me. Express/node, mongo/mongoose, all node dependencies, heroku, memcachier, Google Cloud Platform, Github, EJS, bootstrap. The entire frontend was coded by me. Almost the entire backend was coded by me. This becomes too many features to list, so it might be easier to say what I haven't done. The only thing that was not done by me were the parts of the *getWeatherImage* function in *helpers.js* that Brianna added as well as the image set we currently use for weather conditions.

Aileen Ma(shangwenma): Develop the dynamic background that automatically changes the pictures. Add the function to delete each card. Add icons to the card to make it look nicer. Change the css to the register page. Add the function so the temperature could change between fahrenheit and celsius. Make some optimization to the code and test the function. I also wrote 6 Jest basic tests. And check and fix some bugs that are found. Make all the css for another version.

Brianna Griffin(Brianna Griffin): In addition to helping come up with ideas for how to design the website, I mostly worked on the *getWeatherImage* function. I added the images to be displayed depending on the weather. I adjusted the code to pull the condition from the api call through the *helpers.js* and then select the corresponding image to be displayed. I also slightly changed the css of the cards to match the background of the weather icons.

Owen Carlson(owca8346): Helped with document creation, and brainstorming.

Contributions Images:

NOTE: Below are member names and their git usernames. People with zero contributions will not show up.

Alex Mazur is bouldercoder9 AND AlexLaptop
Brianna Griffin is Brianna Griffin
Owen Carlson is owca8346
Aileen Ma is shangwenma

Git repository number of commits by user (this includes all branches):

Generated by: `git shortlog -s -n --all`

```
alex@DESKTOP-JN1RVUT:/mnt/c/Users/alexm/OneDrive/Documents/CUBoulder/SoftDev/jupyter$ git shortlog -s -n --all
 82 bouldercoder9
 14 AlexLaptop
  3 owca8346
  2 Brianna Griffin
```

Git repository lines of code by user:































Generated by: `git ls-files | while read f; do git blame -w -M -C -C`

























`--line-porcelain "$f" | grep -I '^author '; done | sort -f | uniq -ic | sort -n`

















```
alex@DESKTOP-JN1RVUT:/mnt/c/Users/alexm/OneDrive/Documents/CUBoulder/SoftDev/jupyter$ git ls-files | while read f; do git blame -w -M -C -C --line-porcelain "$f" | grep -I '^author '; done | sort -f | uniq -ic | sort -n
  1 author owca8346
 33 author Brianna Griffin
146 author AlexLaptop
1510 author bouldercoder9
```























Git repository commit history (on the next couple of pages):


























































Generated by: `github commit history`

Commits on May 2, 2020			
Merge branch 'master' of github.com:bouldecoder9/cs3308_project bouldecoder9 committed 2 days ago		42f1e58	
Adjusting changelog bouldecoder9 committed 2 days ago		6367a95	
Commits on Apr 24, 2020			
Update README.md bouldecoder9 committed 9 days ago	Verified		0a97ba7 
Update README.md bouldecoder9 committed 9 days ago	Verified		0176a20 
Commits on Apr 23, 2020			
Adjusting readme bouldecoder9 committed 10 days ago		5d5f9b0	
Adjusting readme bouldecoder9 committed 10 days ago		bbbd2ad	
Adjusting readme bouldecoder9 committed 10 days ago		2d8aca5	
Delete app.yaml bouldecoder9 committed 10 days ago	Verified		998b1c8 
Adjusted Changelog, removed a comment, and a useless parameter to cal... bouldecoder9 committed 10 days ago		4137d50	
Adjusting readme bouldecoder9 committed 10 days ago		0f7d079	
Adjusting readme bouldecoder9 committed 10 days ago		8ac6ad9	
Adjusting readme bouldecoder9 committed 10 days ago		1c19965	
Adjusting readme bouldecoder9 committed 10 days ago		218ec97	
Merge branch 'master' of github.com:bouldecoder9/cs3308_project bouldecoder9 committed 11 days ago		eb603a1	
Adding .DS_Store to the gitignore bouldecoder9 committed 11 days ago		0726ff2	

Delete .DS_Store  boulder9 committed 11 days ago	Verified		59300bd	<>
Delete .DS_Store  boulder9 committed 11 days ago	Verified		ecdd261	<>
Delete .DS_Store  boulder9 committed 11 days ago	Verified		a74afe4	<>
Delete .DS_Store  boulder9 committed 11 days ago	Verified		d1d56f0	<>
Delete .DS_Store  boulder9 committed 11 days ago	Verified		55df106	<>
Added CL 4/23 cont.  boulder9 committed 11 days ago			9880328	<>
4/23 cont.  boulder9 committed 11 days ago			7830f79	<>
Changed port to process.env.PORT  boulder9 committed 11 days ago			75652e0	<>
Changed port from 8080 to process.env.PORT 8080  boulder9 committed 11 days ago			5b157e4	<>
CL 4/23  boulder9 committed 11 days ago			956e194	<>
CL 4/22 cont5.  boulder9 committed 11 days ago			bf7af80	<>
Merge branch 'master' of github.com:boulder9/cs3308_project  boulder9 committed 11 days ago			7255564	<>


Commits on Apr 22, 2020				
idk what i have here tbh  boulder9 committed 11 days ago			3ccdd8d	<>
Merge pull request #15 from boulder9/bg_dev ...  boulder9 committed 11 days ago	Verified		ea6b382	<>
adding code for different weather icons  Brianna Griffin authored and Brianna Griffin committed 11 days ago			1d97c5d	<>
Changed init options for express sessions to be more compatible with ...  boulder9 committed 11 days ago			63b9c8d	<>
removed addCard.js link  boulder9 committed 11 days ago			39fe540	<>
removed a console log  boulder9 committed 11 days ago			82445f5	<>
4/22 cont4.  boulder9 committed 12 days ago			28bc7f7	<>
CL 4/22 cont3.  boulder9 committed 12 days ago			b93581e	<>

Commits on Apr 22, 2020		
Changelog 4/22 cont2. boulderocoder9 committed 12 days ago	 0e011fc	
changelog 4/22 cont. boulderocoder9 committed 12 days ago	 386402b	
Commits on Apr 20, 2020		
Changelog 4/21 boulderocoder9 committed 13 days ago	 8e08ccc	
changelog 4/21 boulderocoder9 committed 13 days ago	 36cd987	
Made a changelog entry boulderocoder9 committed 14 days ago	 8054094	
changelog 4/20 cont. boulderocoder9 committed 14 days ago	 c15a659	
Changelog 4/20 boulderocoder9 committed 14 days ago	 8561de2	
Commits on Apr 18, 2020		
Added some comments and also changed the styling of some brackets for... boulderocoder9 committed 15 days ago	 7efb38b	
Code refactor. See readme.md for changelog boulderocoder9 committed 15 days ago	 c259def	
Commits on Apr 16, 2020		
Adjusted the user model to support lists, added ability to saves list... boulderocoder9 committed 17 days ago	 06c5f03	
Commits on Apr 1, 2020		
4/1 boulderocoder9 committed on Apr 1	 f278a70	

Commits on Mar 20, 2020			
<div>Update README.md</div> <div> boulder9 committed on Mar 20</div>	Verified	 846125a	
<div>Update README.md</div> <div> boulder9 committed on Mar 20</div>	Verified	 49624f8	
<div>Update README.md</div> <div> boulder9 committed on Mar 20</div>	Verified	 9ffeaa3	
<div>Merge pull request #14 from boulder9/dev</div> <div> boulder9 committed on Mar 20</div>	Verified	 0c2403c	
<div>added filestructure overview to readme</div> <div> boulder9 committed on Mar 20</div>		 53d1dbe	
Commits on Mar 19, 2020			
<div>Merge pull request #13 from boulder9/dev</div> <div> boulder9 committed on Mar 19</div>	Verified	 18c818a	
<div>3/19 cont</div> <div> boulder9 committed on Mar 19</div>		 ae81ea5	
Commits on Mar 9, 2020			
<div>Added a single comment</div> <div> boulder9 committed on Mar 9</div>		 f0207c2	
Commits on Mar 6, 2020			
<div>Merge pull request #12 from boulder9/dev-alex</div> <div> boulder9 committed on Mar 6</div>	Verified	 d045d65	
<div>Update README.md</div> <div> boulder9 committed on Mar 6</div>	Verified	 6ab70ed	
<div>3/6</div> <div> boulder9 committed on Mar 6</div>		 90c4cd5	
<div>Merge pull request #11 from boulder9/odev</div> <div> boulder9 committed on Mar 6</div>	Verified	 cc2a2f6	
<div>Merge branch 'master' into odev</div> <div> boulder9 committed on Mar 6</div>	Verified	 a67729f	
<div>Merge pull request #10 from boulder9/brgr</div> <div> boulder9 committed on Mar 6</div>	Verified	 207bc6f	
<div>Merge pull request #9 from boulder9/a-dev</div> <div> boulder9 committed on Mar 6</div>	Verified	 d030086	
<div>added folder with weather card source</div> <div> Brianna Griffin committed on Mar 6</div>		 27f9eb0	
<div>work on getplace</div> <div> boulder9 committed on Mar 6</div>		 08b527a	
<div>Adding like three lines</div> <div> owca8346 committed on Mar 6</div>		 82c4782	
<div>Merge pull request #8 from boulder9/dev</div> <div> boulder9 committed on Mar 6</div>	Verified	 8b952f9	

Commits on Mar 5, 2020

CL 3/5

 boulder coder9 committed on Mar 5




b845b71



Commits on Mar 4, 2020

Merge pull request #7 from boulder coder9/dev ...

 boulder coder9 committed on Mar 4


Verified



0e77e1e



Merge pull request #6 from boulder coder9/master ...

 boulder coder9 committed on Mar 4


Verified



5c5fa05



Adjusted getting up and running

 boulder coder9 committed on Mar 4


Verified



816bbda



Merge pull request #5 from boulder coder9/dev ...

 boulder coder9 committed on Mar 4

Verified




bc2fad9



Commits on Mar 4, 2020

Fixing change-log

 boulder coder9 committed on Mar 4



fb58e00



Merge pull request #4 from boulder coder9/dev ...

 boulder coder9 committed on Mar 4

Verified



89af741



Changing the change-log


 boulder coder9 committed on Mar 4



e22ac08



3/4 ext. see readme


 boulder coder9 committed on Mar 4



19b25f1



Merge pull request #3 from boulder coder9/dev ...

 boulder coder9 committed on Mar 4

Verified



674edc4



Change log 3/4

 boulder coder9 committed on Mar 4



13c21f5



Commits on Feb 29, 2020

Added login/logout route, finished sessioning

 boulder coder9 committed on Feb 29




f5ade64



Commits on Feb 28, 2020

temp

 boulder coder9 committed on Feb 28



9bce083



Update README.md

 boulder coder9 committed on Feb 28

Verified



78e62a7



Update README.md

 boulder coder9 committed on Feb 28


Verified



0961968



Update README.md

 boulder coder9 committed on Feb 28

Verified



b0f2342



Merge branch 'master' of github.com:boulder coder9/cs3308_project

 boulder coder9 committed on Feb 28



4c6ccfc



Made header, made some work on a login modal but it currently doesn't...

 boulder coder9 committed on Feb 28



d2f12de



Adjusted README.md


 boulder coder9 committed on Feb 28



87f5d61



Added .gitignore, created a mock registration form (actually commits ...)

 boulder coder9 committed on Feb 28



2cb3d7f



Merge pull request #1 from boulder coder9/dev

 boulder coder9 committed on Feb 28

Verified



4f42b36



Commits on Feb 21, 2020

Removed copy of the project

 boulder coder9 committed on Feb 21



820cc4b



Fixed this dir having a two copies of the project root in it


 boulder coder9 committed on Feb 21



857d2b7



Added pages and partials, merged home.html into index

 boulder coder9 committed on Feb 21



f04da1b



Pointed the app to load static files from resources

 boulder coder9 committed on Feb 21



397f839



Added logo

 owca8346 committed on Feb 21

Verified



f980fae



Removed Pages Folder, Added html, css, js files

 owca8346 committed on Feb 21

Verified



0fd846c



Commits on Feb 20, 2020

Update README.md

 boulder coder9 committed on Feb 20


Verified



768ff66



adjusted markdown in readme


 boulder coder9 committed on Feb 20



035b24e



Added how to stop server

 boulder coder9 committed on Feb 20



749ac33



Changed EJS version, added nodemon to readme

 boulder coder9 committed on Feb 20



1d6a063



Adjusted readme, created new file structure, made simple express serv...


 boulder coder9 committed on Feb 20



ccab3ee



Added text to readme

 boulder coder9 committed on Feb 20



c3a441a



Removed index

 boulder coder9 committed on Feb 20



e028462



Commits on Feb 19, 2020

Update README.md

 boulder coder9 committed on Feb 19


Verified



e4b2fad



init commit

 boulder coder9 committed on Feb 19



4fccc8



Deployment:

Link to our live project: <https://jupiter-weather-app.herokuapp.com/>

Running this project locally is only possible if you get an up to date .env file from one of the group members (alma9011@colorado.edu), otherwise you won't be able to connect to the database, a port, an API, or correctly use sessioning.