

# • *TRIPSPLIT*

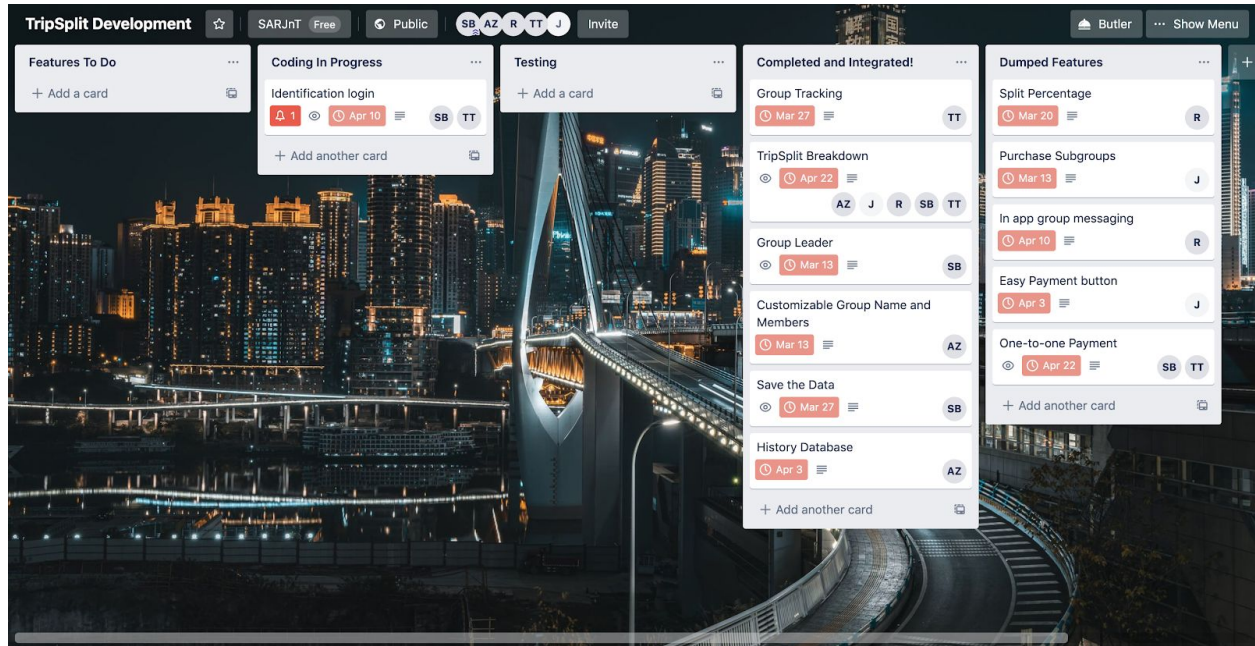
Created by: Tyler Tomlin, Shanaia Buggy, Richard Terrile,  
Jake Hugenberg and Amirul Mohd Zahari

## **Project Description**

TripSplit is an expenses organization application that allows for small or large groups of people to fairly and easily divide group costs for trips. For example, a user embarking on a spring break trip can create a trip called “Spring Break 2020” and add people who are going on the trip to that group. That user would then be able to log shared expenses that individual group members have paid for (ex. Airbnb, Gas, Food). The application will keep track of the total group expenses for the duration of the trip, as well as how much each person in the group has contributed thus far. At the end of the trip, the user gets a breakdown of expenses that displays how much money each member of the trip owes to other members of the group. The application also features a tool to view previous trips which no longer need to be updated. This archive of past trips allows the user to view the members, expenses and payout breakdown for any old trip. The application uses a combination of html, nodejs, and postgresSQL to create a dynamic and pleasant view of each trip.

## **Project Tracker: Trello**

Our group aimed to use Trello as a project tracker throughout the semester but failed to use it as a resource. Instead of using Trello, our group maintained constant communication (via GroupMe) in order to keep up with the development of our website features. The following screenshot is what our Trello board would have looked like today with consistent use.



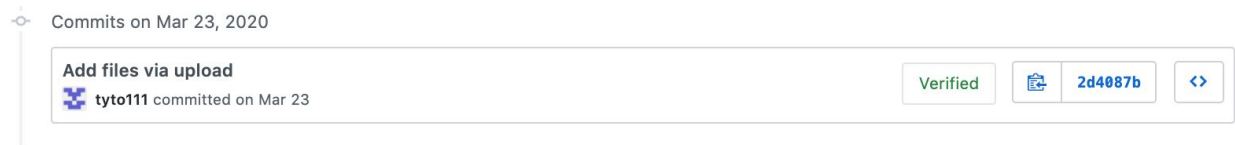
<https://trello.com/b/LieW1Jnx/tripsplit-development>

## VCS

Github: <https://github.com/tyto111/projectCode.git>

























## Contributions

Tyler Tomlin: Worked on the back-end development of the project. Created the databases using Postgres. Linked the "Create a Trip" page to the database in order to update in real time. Linked the "TripSplit Breakdown" page to the database in order to pull existing data from it, and created the breakdown table. Wrote the server.js file to connect the database to the front end of the website using nodeJS and to test with localhost.



## Team 104-1

### Commits on Apr 22, 2020

<b>Add files via upload</b>  tyto111 committed 12 days ago	Verified	 bcf20fa	
<b>Add files via upload</b>  tyto111 committed 12 days ago	Verified	 2e0174e	
<b>updated logo</b>  shanaiabuggy committed 12 days ago	Verified	 54e53ea	
<b>Add files via upload</b>  tyto111 committed 12 days ago	Verified	 5aa52ed	
<b>white logo</b>  Shanaia Buggy authored and Shanaia Buggy committed 12 days ago		 1ba28fa	
<b>Add files via upload</b>  rcterrile committed 12 days ago	Verified	 cb4481f	
<b>reorganizied</b>  tyto111 committed 12 days ago	Verified	 f5f34f0	
<b>html files</b>  Shanaia Buggy authored and Shanaia Buggy committed 12 days ago		 c690e59	

### Commits on Apr 23, 2020




<b>Add files via upload</b>  tyto111 committed 11 days ago	Verified	 861687e	
<b>Add files via upload</b>  tyto111 committed 12 days ago	Verified	 0455c0f	

Shanaia Buggy: Worked on the front-end development of the project. Created all of the .html and .css files for the TripSplit website.

### Commits on Apr 5, 2020

<b>Add files via upload</b>  shanaiabuggy committed 29 days ago	Verified	 c47ba6b	
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### Commits on Apr 7, 2020

<b>4/7/2020 changes: new homepage, login page</b>  shanaiabuggy committed 27 days ago	Verified	 593181d	
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## Team 104-1

Commits on Apr 22, 2020

Add files via upload tyto111 committed 12 days ago	Verified	bcf20fa	<>
Add files via upload tyto111 committed 12 days ago	Verified	2e0174e	<>
updated logo shanaiabuggy committed 12 days ago	Verified	54e53ea	<>
Add files via upload tyto111 committed 12 days ago	Verified	5aa52ed	<>
white logo Shanaia Buggy authored and Shanaia Buggy committed 12 days ago		1ba28fa	<>
Add files via upload rcterrile committed 12 days ago	Verified	cb4481f	<>
reorganzied tyto111 committed 12 days ago	Verified	f5f34f0	<>
html files Shanaia Buggy authored and Shanaia Buggy committed 12 days ago		c690e59	<>

Richard Terrile: Created the TripSplit logo and design. Helped with the initial HTML navbar setup. Contributed towards getting a working add expense button.

white logo Shanaia Buggy authored and Shanaia Buggy committed 12 days ago		1ba28fa	<>
Add files via upload rcterrile committed 12 days ago	Verified	cb4481f	<>
reorganzied tyto111 committed 12 days ago	Verified	f5f34f0	<>
File via upload ... rcterrile committed 5 minutes ago	Verified	f3d1998	<>
Create README.md tyto111 committed 16 minutes ago	Verified	5be4582	<>
Merge branch 'master' of https://github.com/tyto111/projectCode rcterrile committed 1 minute ago		97b7124	<>
part 5 - specs			

Jake Hugenberg:

NO Direct GetHub Commits

Generated ideas for the project. Organized in person meeting times. Started and scheduled Zoom sessions. Made suggestions for how the website should work and look like. Made the first wireframes while also learning adobe xD. Helped to analyse code errors on Zoom which other team members were having. Office hours help on the project. Created the Presentation slides and content. Spent a lot of time coming up with the most effective points of the presentation and who would speak to which part and what they would emphasize. Made sure

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that the group understood the deadlines for upcoming due dates. Tested all HTML features. Looked for mistakes or errors that could be fixed. Contributed to all Milestones.

### Amirul Mohd Zahari:

Set up the application wireframe and use cases. Tested deployment of application on mobile. Explored options to allow the entire team to develop the application as a mobile app without knowledge of standard mobile programming languages. Solutions found included emulation of operating systems.

The screenshot shows a GitHub repository page for 'tyto111 / projectCode'. The repository has 1 watch, 1 star, and 0 forks. The 'Code' tab is selected, showing the file structure for the 'master' branch. The directory 'files\_for\_mobile' is expanded, showing a list of files and folders with their commit times.

File/Folder	Commit Message	Commit Time
..		
cordova-js-src	part 4/n js	3 minutes ago
hooks	part 1/n	9 minutes ago
platform_www	part 2/n platform_www	6 minutes ago
spec	part 5 - specs	33 seconds ago
config.xml	part 1/n	9 minutes ago
package.json	part 1/n	9 minutes ago
platforms.json	part 3/n platforms	5 minutes ago

## Deployment

<https://tripsplit104-1.herokuapp.com/homepage>