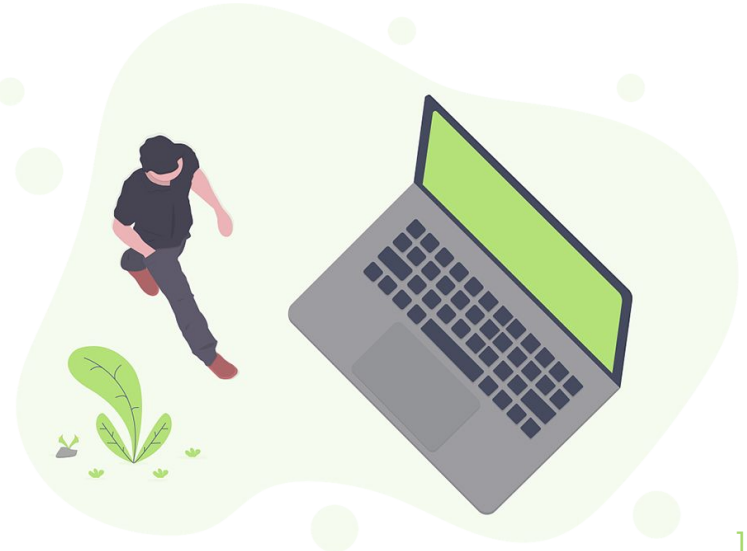
Biller

Team 10

Trinh Nguyen
Au Tran
Matthew Vu



Outlines

Introduction

Members

Biller Motivations

Software Development

Project Management

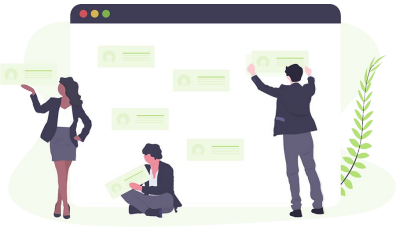
Frontend - Backend

Achievements

Sprint 1-4

Demo

Member Roles



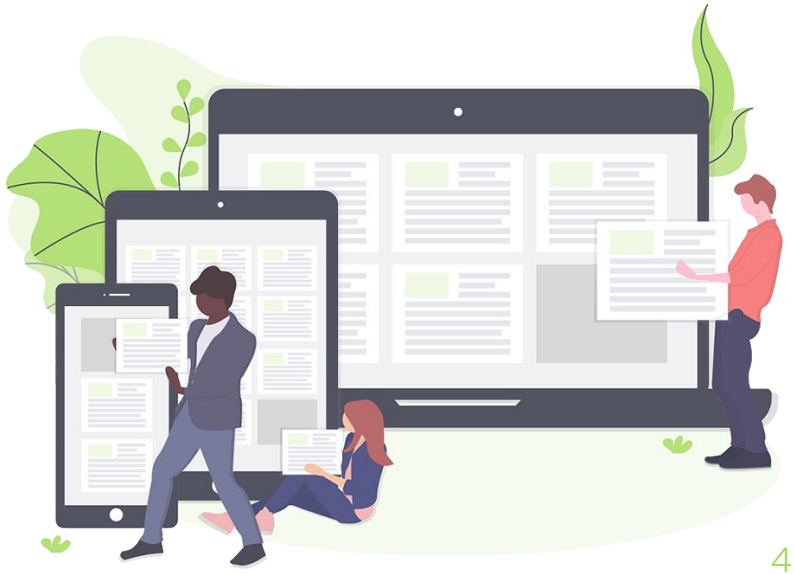
Trinh Nguyen
Project Lead
Frontend Developer

Matthew Vu
Frontend Developer

Au Tran
Backend Developer

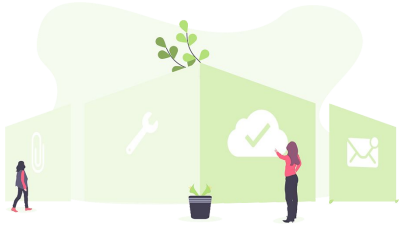
Problems Motivations

- Money management
- Visualize all bills (credit cards, utilities,...) and due date
- Web application that helps user to conveniently monitor financial status and monthly spending 💰



2. Software Development Methodology

Project Management

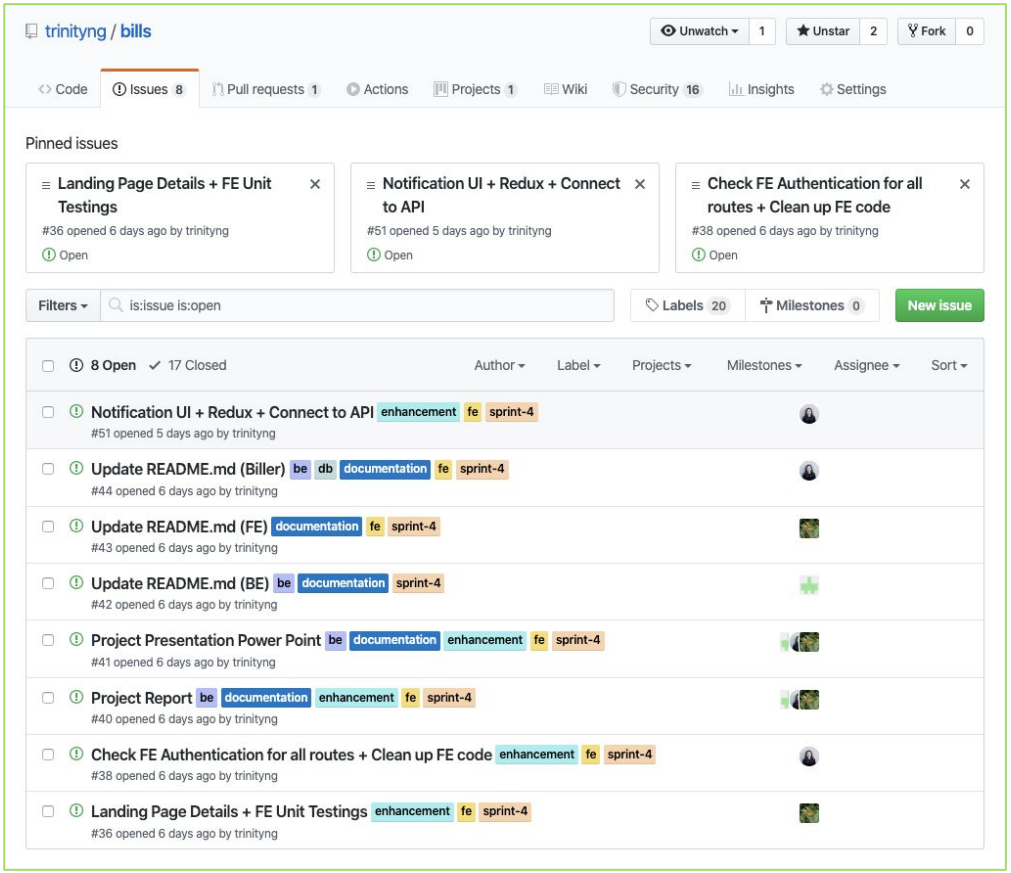


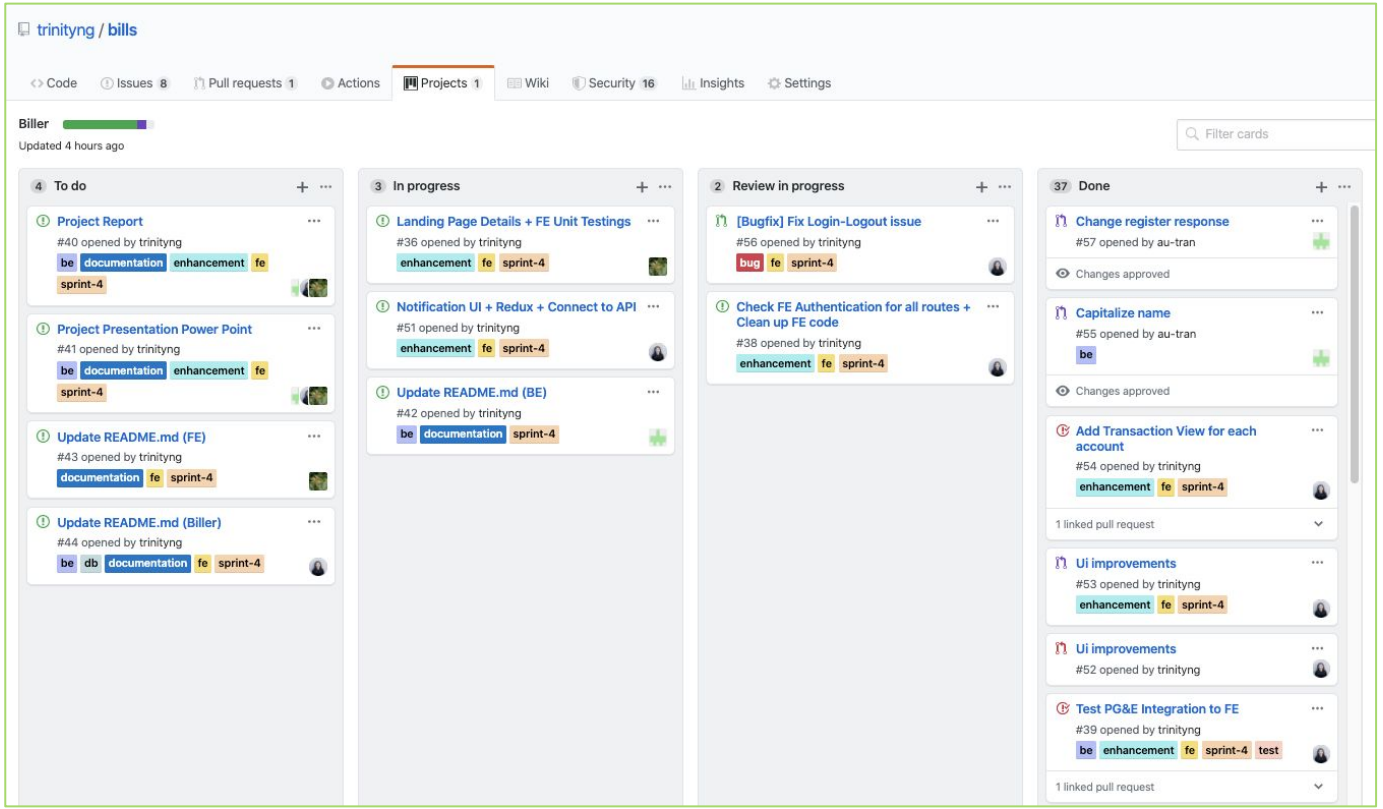
User Stories

As a user, I want to...

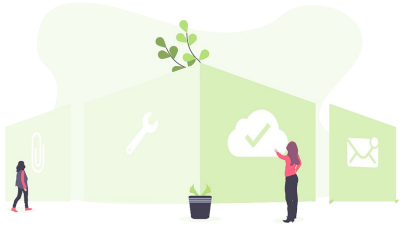
- Register an account
- Login to my account
- Logout
- Ensure account security
- Connect to my Bank accounts
- Track income and spending history
- See my credit card bills and due dates
- Connect to utility accounts (PG&E, comcast)
- See my utility bills and due dates
- Receive email notifications of upcoming bills

	A	B	C	D	E	F	G	H
1	Issue #	Name	Description	Sprint #	Points (1-8)	Category	Assignee	Status
2	01	Code Set Up (FE)	As a developer, I want to set up a basic code base for client side with React.js	1	2	FE	Trinh	Done
3	02	Code Set Up (BE + DB)	As a developer, I want to set up a basic code base for server side with Django and MySQL	1	2	BE	Trinh	Done
4	03	User Schema	As a developer, I want to design a schema to store user information (ID, First name, Last name, Email, Password, Number of accounts???)	1	1	DB	Au	Done
5	04	Bills Schema	As a developer, I want to design a schema to store bill information across companies for all users	2	1	DB	Au	Done
6	05	Landing Page UI + Set up Redux	As a user, I want to see information about the biller app (value, what it does, members of team) as well as login and sign up option.	1	5	FE	Trinh	Done
7	06	Login Page UI + Integrate UI with API	As a user, I want to login using my email and password. As a developer, I want to make sure that the interface is user friendly and the email and password are valid. I also want to make sure to inform user of invalid input.	1	5	FE	Trinh	Done
8	07	Login API + Register API	As a developer, I want to create a login API and register api to process user login/register request	1	3	BE	Au	Done
9	08	User Authenication	As a developer, I want to be able to authenticate the user using JWT to make sure they are allowed to access the pages and the information they are requesting.	1	3	BE	Trinh	Done
10	09	Link Landing to Login and Register	As a developer, I want to allow user to nagivate from landing page to login and register page	1	1	FE	Trinh	Done
11	10	Register Page UI + Integrate UI with API	As a developer, I want to create a login page for user to enter valid email address (username) and valid password to login into their account	1	5	FE	Matthew + Trinh	Done
12	11	Setup Page	As a developer, I want to create a set up page where users can see all third-party accounts option and choose to login before proceed to dashboard with information	2	5	FE	Matthew	Done
13	12	Third-party Login UI	As a user, I want to login to third-party accounts (PG&E and Chase) using my email/username and password. As a developer, I want to make sure that the interface is user friendly and the email/username and password are valid. I also want to make sure to inform user of invalid input. I want to create one component that will works with different third-party	2	5	FE	Matthew	Done


trinityng / bills
Unwatch 1
Unstar 2
Fork 0
Code
Issues 8
Pull requests 1
Actions
Projects 1
Wiki
Security 16
Insights
Settings
Pinned issues
Landing Page Details + FE Unit Testings
#36 opened 6 days ago by trinityng
Open
Notification UI + Redux + Connect to API
#51 opened 5 days ago by trinityng
Open
Check FE Authentication for all routes + Clean up FE code
#38 opened 6 days ago by trinityng
Open
Filters
is:issue is:open
Labels 20
Milestones 0
New issue
8 Open
17 Closed
Author
Label
Projects
Milestones
Assignee
Sort
Notification UI + Redux + Connect to API enhancement fe sprint-4
#51 opened 5 days ago by trinityng
Update README.md (Biller) be db documentation fe sprint-4
#44 opened 6 days ago by trinityng
Update README.md (FE) documentation fe sprint-4
#43 opened 6 days ago by trinityng
Update README.md (BE) be documentation sprint-4
#42 opened 6 days ago by trinityng
Project Presentation Power Point be documentation enhancement fe sprint-4
#41 opened 6 days ago by trinityng
Project Report be documentation enhancement fe sprint-4
#40 opened 6 days ago by trinityng
Check FE Authentication for all routes + Clean up FE code enhancement fe sprint-4
#38 opened 6 days ago by trinityng
Landing Page Details + FE Unit Testings enhancement fe sprint-4
#36 opened 6 days ago by trinityng


trinityng / bills
Code
Issues 8
Pull requests 1
Actions
Projects 1
Wiki
Security 16
Insights
Settings
Biller
Updated 4 hours ago
Filter cards
4 To do
Project Report
#40 opened by trinityng
be documentation enhancement fe sprint-4
Project Presentation Power Point
#41 opened by trinityng
be documentation enhancement fe sprint-4
Update README.md (FE)
#43 opened by trinityng
documentation fe sprint-4
Update README.md (Biller)
#44 opened by trinityng
be db documentation fe sprint-4
3 In progress
Landing Page Details + FE Unit Testings
#36 opened by trinityng
enhancement fe sprint-4
Notification UI + Redux + Connect to API
#51 opened by trinityng
enhancement fe sprint-4
Update README.md (BE)
#42 opened by trinityng
be documentation sprint-4
2 Review in progress
[Bugfix] Fix Login-Logout issue
#56 opened by trinityng
bug fe sprint-4
Check FE Authentication for all routes + Clean up FE code
#38 opened by trinityng
enhancement fe sprint-4
37 Done
Change register response
#57 opened by au-tran
Changes approved
Capitalize name
#55 opened by au-tran
be
Changes approved
Add Transaction View for each account
#54 opened by trinityng
enhancement fe sprint-4
1 linked pull request
Ui improvements
#53 opened by trinityng
enhancement fe sprint-4
Ui improvements
#52 opened by trinityng
Test PG&E Integration to FE
#39 opened by trinityng
be enhancement fe sprint-4 test
1 linked pull request

Frontend



React

Redux

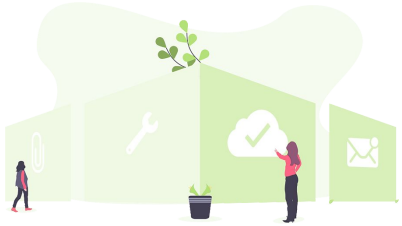
Ant Design

Shards React

Jest

airbnb

Backend

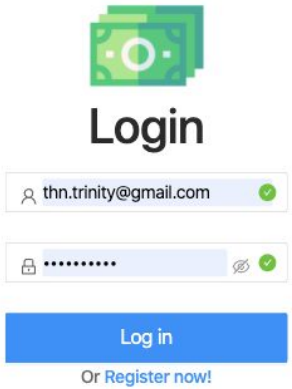


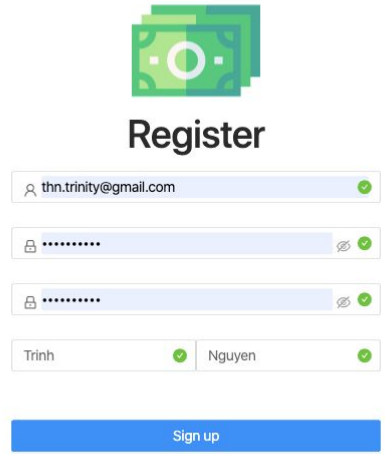
3.
Milestone Accomplishments

Sprint 1

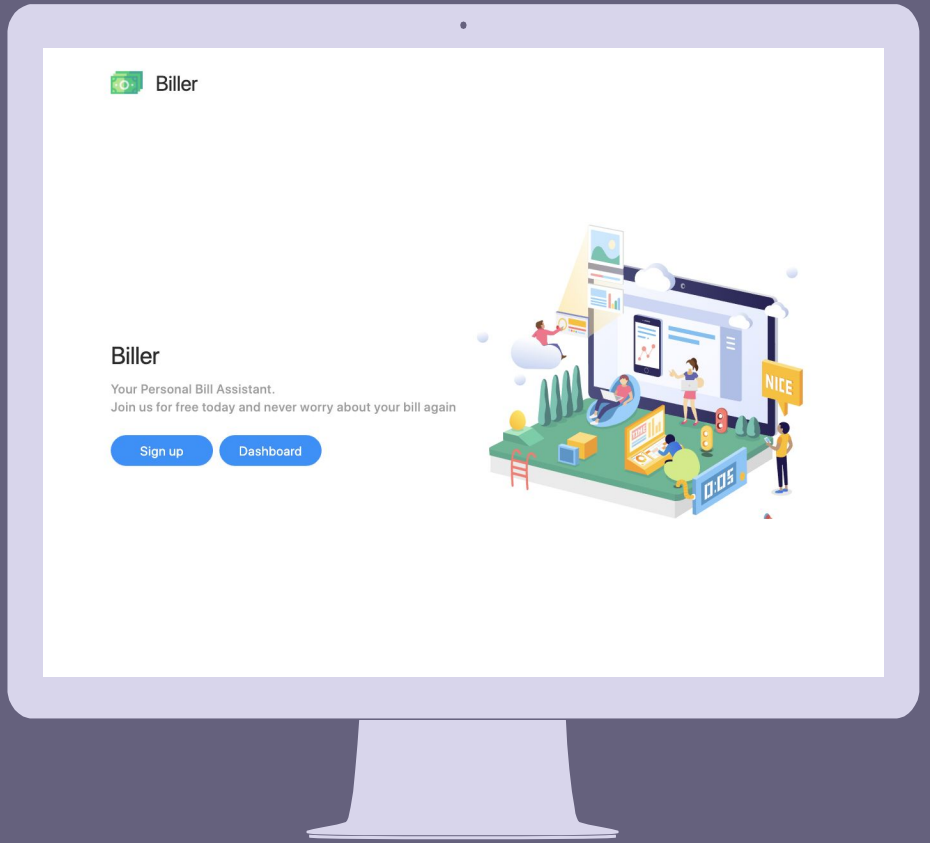
SPRINT 1 BILLER 18 FEB 2020-08 MAR 2020
100%
39 total points
39 completed points
0 open tasks
12 closed tasks
0 locaine doses
Points
40
30
20
10
0
Feb 18
Feb 19
Feb 20
Feb 21
Feb 22
Feb 23
Feb 24
Feb 25
Feb 26
Feb 27
Days
Feb 28
Feb 29
Mar 01
Mar 02
Mar 03
Mar 04
Mar 05
Mar 06
Mar 07
Mar 08

Login – Register – Auth

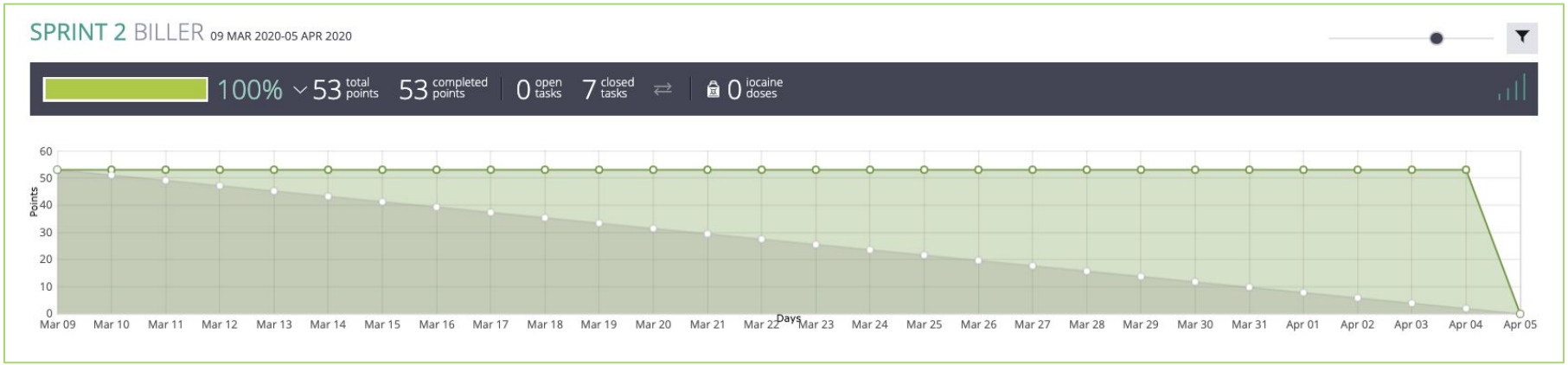




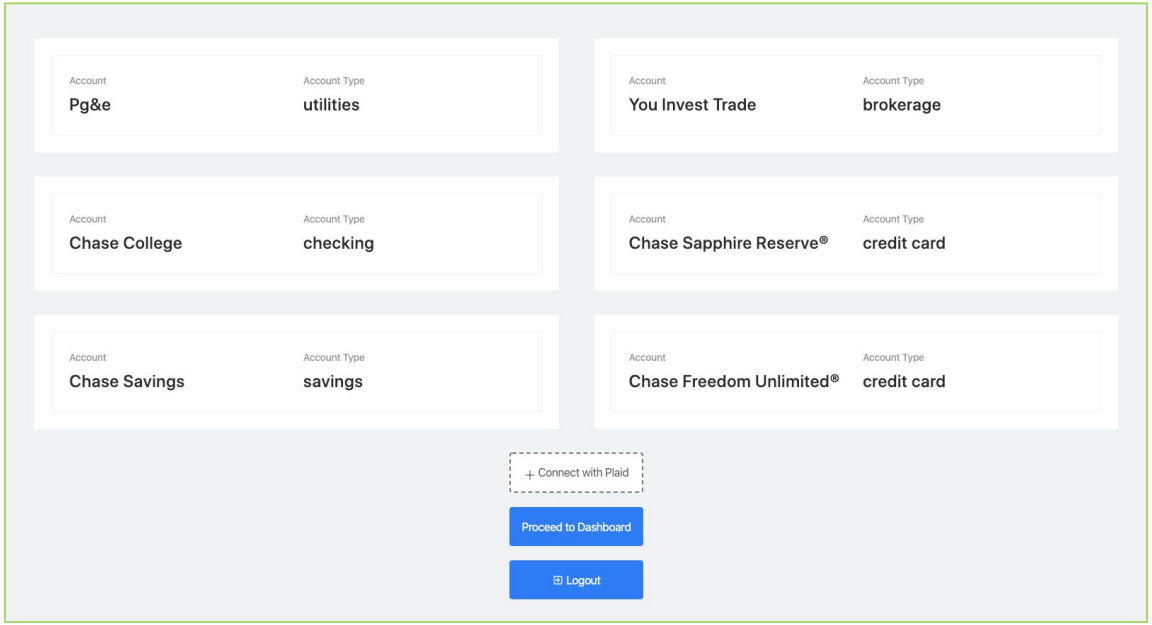
Landing Page



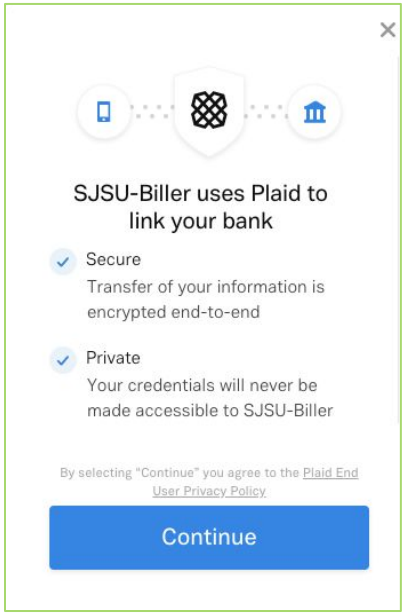
Sprint 2

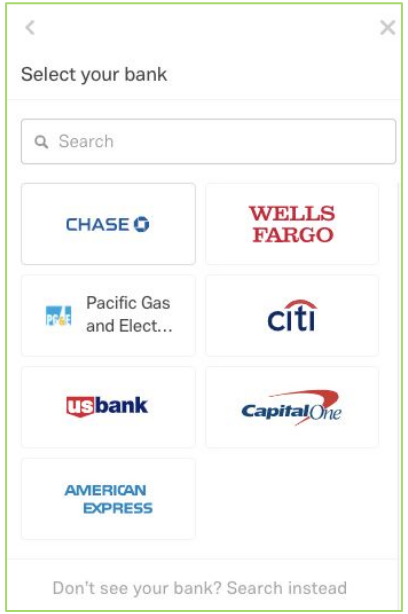

SPRINT 2 BILLER 09 MAR 2020-05 APR 2020
100%
53 total points
53 completed points
0 open tasks
7 closed tasks
0 iocaine doses
Points
Days
60
50
40
30
20
10
0
Mar 09
Mar 10
Mar 11
Mar 12
Mar 13
Mar 14
Mar 15
Mar 16
Mar 17
Mar 18
Mar 19
Mar 20
Mar 21
Mar 22
Mar 23
Mar 24
Mar 25
Mar 26
Mar 27
Mar 28
Mar 29
Mar 30
Mar 31
Apr 01
Apr 02
Apr 03
Apr 04
Apr 05

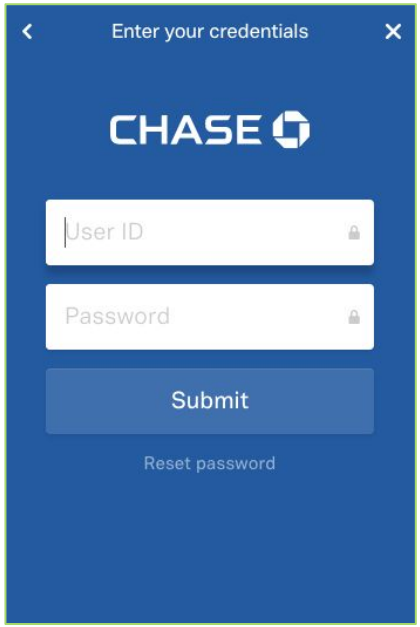
Setup Page


Account
Pg&e
Account Type
utilities
Account
You Invest Trade
Account Type
brokerage
Account
Chase College
Account Type
checking
Account
Chase Sapphire Reserve®
Account Type
credit card
Account
Chase Savings
Account Type
savings
Account
Chase Freedom Unlimited®
Account Type
credit card
+ Connect with Plaid
Proceed to Dashboard
Logout

Plaid API Login



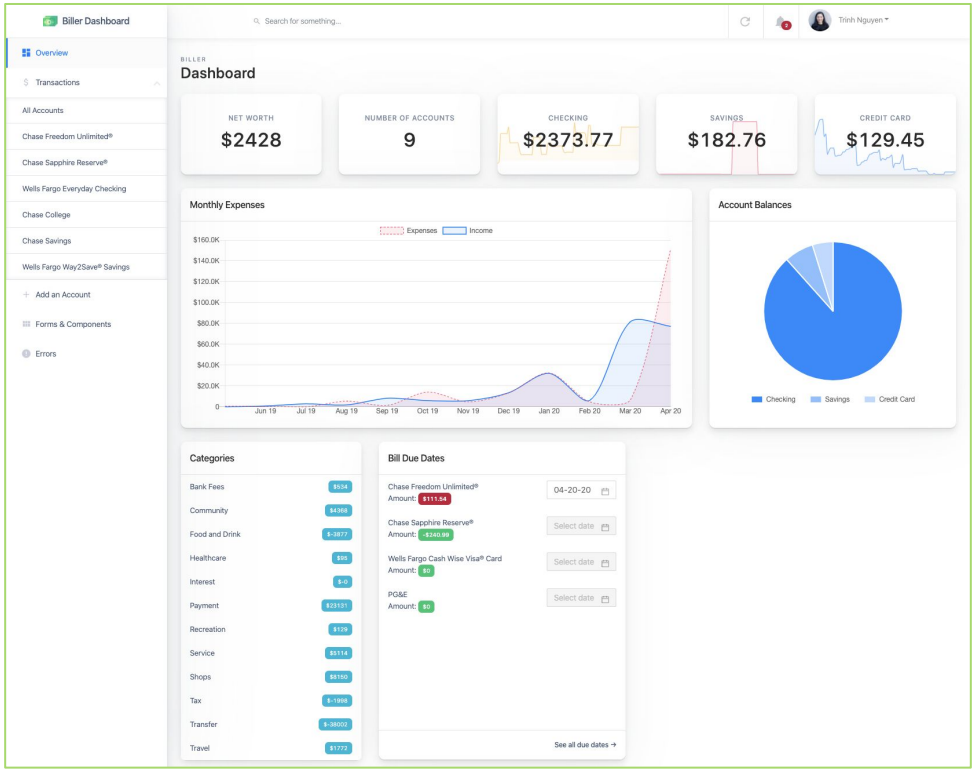




Sprint 3

SPRINT 3 BILLER 06 APR 2020-19 APR 2020
100%
41 total points
41 completed points
0 open tasks
11 closed tasks
0 iocaine doses
Points
50
40
30
20
10
0
Apr 06
Apr 07
Apr 08
Apr 09
Apr 10
Apr 11
Apr 12
Days
Apr 13
Apr 14
Apr 15
Apr 16
Apr 17
Apr 18
Apr 19

Biller Dashboard



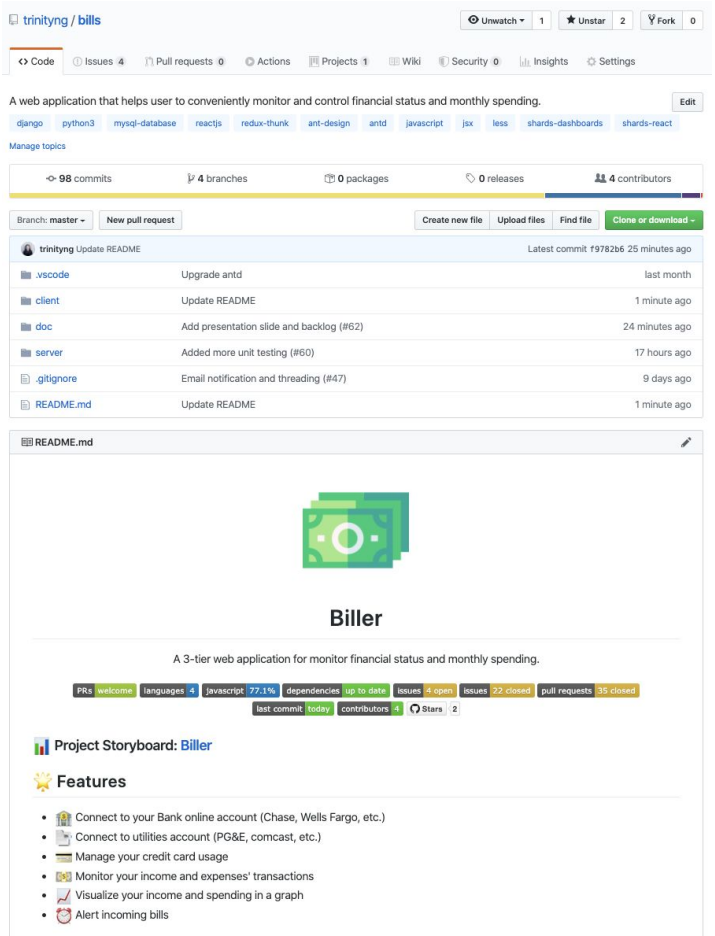
Sprint 4

SPRINT 4 BILLER 20 APR 2020-27 APR 2020
100%
20 total points
20 completed points
0 open tasks
6 closed tasks
0 iocaine doses
Points
25
20
15
10
5
0
Apr 20
Apr 21
Apr 22
Apr 23
Days
Apr 24
Apr 25
Apr 26
Apr 27

Sprint 4

- Notification feature
- UI improvements
- Code cleanup
- Frontend Unit test (Jest & Enzyme)
- Backend Unit test (Django Unit test)
- Project documentation

Demo 💻

Thank you !

Any questions?