

Biller Backlogs

Issue #	Name	Description	Sprint #	Points (1-8)	Category	Assignee	Status
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
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
03	User Schema	As a developer, I want to design a schema to store user information (ID, First name, Last name, Email, Password)	1	1	DB	Au	Done
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
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
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
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
08	User Authentication	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
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
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
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
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
13	Connect to Chase API	As a developer, I want to connect to Chase API to get credit card infomation (Due date, amount, minimum payment, interest rate, all past payments...)	2	5	BE	Au	Done

14	Chase Login API and Authentication	As a developer, I want to create a Chase login API to allow user authorized user to login to their chase online account (username + password). I want to make sure that the input are valid.	2	5	BE	Au	Done
4	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
15	User Dashboard Prototype	As a user, I want to create a dashboard prototype before starting to impletement it	2	5	FE	Trinh	Done
16	User Dashboard UI (Part 1)	As a developer, I want to create a dashboard that let user see all their associated accounts and bills (header, sider, content, footer)	2	8	FE	Trinh	Done
17	PG&E Login API and Authentication (Plaid)	As a developer, I want to create a PG&E login API to allow user authorized user to login to their chase online account (username + password). I want to make sure that the input are valid. As a developer, I want to connect to PG&E API to retrieve Gas and electricity bills (amount of each, total amount and due date, all past payments?) after user logged in with PGE credentials and then save data to DB	2	5	BE	Au	Done
18	Create APIs to access data from Plaid	As a developer I want to create APIs to get data from Plaid API (and then store data to database)	3	5	BE	Au	Done
19	Create API to access Plaid data from DB	As a developer, I want to create API to send that data to FE to display on dashboard (get all transactions, get total \$ spend for each category, get transactions for each account, get all bills, get monthly expenses)	3	5	BE	Au	Done
20	Get Plaid data through API and connect to Redux	Make API calls to get Plaid data from DB and connect to Redux	3	3	FE	Trinh	Done
21	Connect Setup Page to Redux + Dashboard	Connect Set up page to dashboard. Once a user add at least 1 plaid account successfully then let user process to dashboard. Save connect account to local storage or redux state for page re-redering	3	3	FE	Matthew	Done
22	Update Due Date API	API will be used to update each bill's due date by the date that user manually set it to.	3	5	BE	Au	Done
23	Populate data on Dashboard	Populate Plaid data on dashboard	3	8	FE	Trinh	Done
24	Update Due Date UI	User bill see all the bills and able to set each bill due date one by one	3	5	FE	Matthew	Done
25	Integrate update due date FE + BE	Integrate due date UI and API to make sure that they work seamlessly together	3	5	FE + BE	Trinh	Done
26	Email Notification API	Using Twilio to send email to user to notify them of the bill's due date. We will notify once user set the date and	4	5	FE	Matthew	Done
27	Email Notification UI	Notification UI	4	3	BE	Au	Done
28	Integrate email notification FE + BE	Integrate notification UI and API to make sure that they work seamlessly together. Need to discuss about FE testing framework	4	5	FE + BE	Trinh	Done
29	Check FE Authentication	Check authentication for all routes	4	5	FE	Trinh	Done
30	Logout UI	Logout UI + logic for user	4	5	FE	Trinh	Done

31	Landing Page details	Add information to landing page	4	3	FE	Matthew	Done
32	Unit Testing for FE	Add unit test for FE	4	5	FE	Matthew	Done
33	Unit Testing for BE	Add unit test for BE	4	5	BE	Au	Done
34	Notification UI + API	List out all due date reminder notification in the notification bar icon and notify user with new notification	4	5	FE + BE	Trinh + Au	Done
35	User Profile Page + API	Modify login API to return user's last and first name. Add User Profile Page to display all user information	4	5	FE + BE	Trinh + Au	Done
36	Integration Testing	Manual Testing	4	5	FE + BE	Trinh	Done
37	Security Check (API keys)	Add all API key to a secret file	4	1	BE	Au	Done
38	FE README.md	FE README.md	4	1	Doc	Matthew	Done
39	BE README.md	BE README.md	4	1	Doc	Au	Done
40	Biller README.md	Biller README.md	4	1	Doc	Trinh	Done
41	Presentation Slides	Presentation Slides	4	3	Doc	All	Done
42	Project Report	Project Report	4	3	Doc	All	Done