PostMelon

"Giving users the power to express themselves, build community, and stay connected with what's going on in the world."

What is PostMelon?

PostMelon is a social media application that allows its users to express creative ideas and share information while staying connected to friends and family around the world.

PostMelon gives users the power to:

- Connect with family and friends online.
- Express themselves through creative ideas and shared content on profile posts.
- Discover content from friends and family.
- Meet people with common interests.

Features & Functionality

- Home feed
- Comments
- Manage friends
- Posts
- Login/Logout
- Registration
- Navigation Bar
- Liking posts
- Help center
- Share Post

Tech Stack

Front end:

React

Material Ui

Back end:

MongoDB

Amazon s3

Heroku

Express

Node.js

Github

Packages

Express

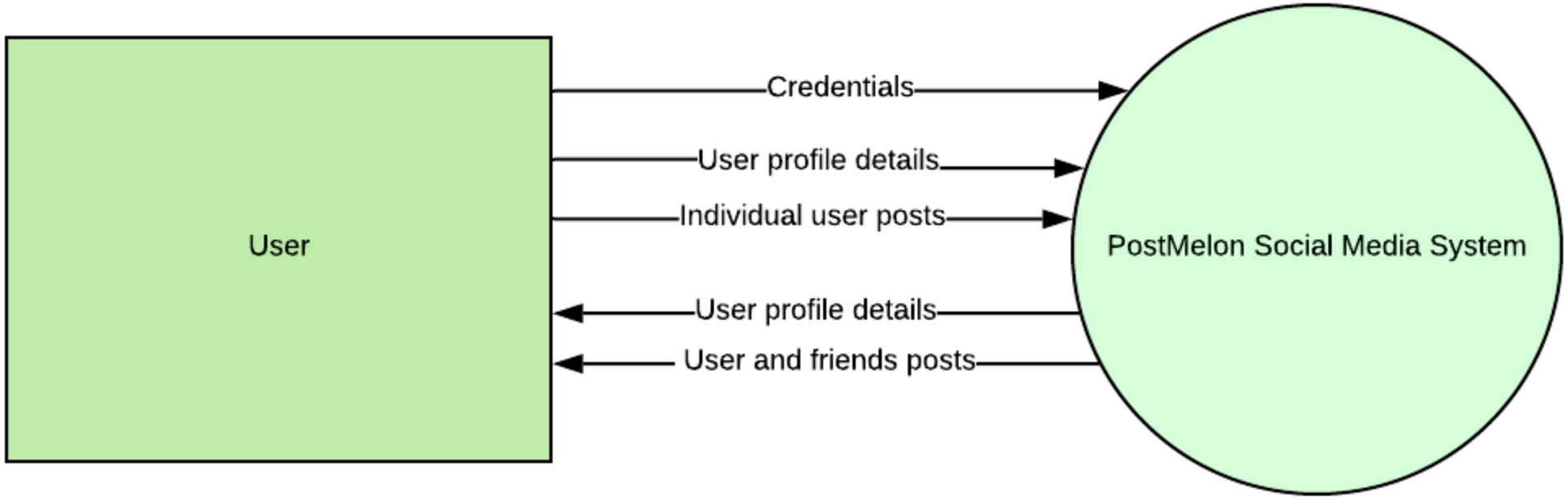
JSON webtoken

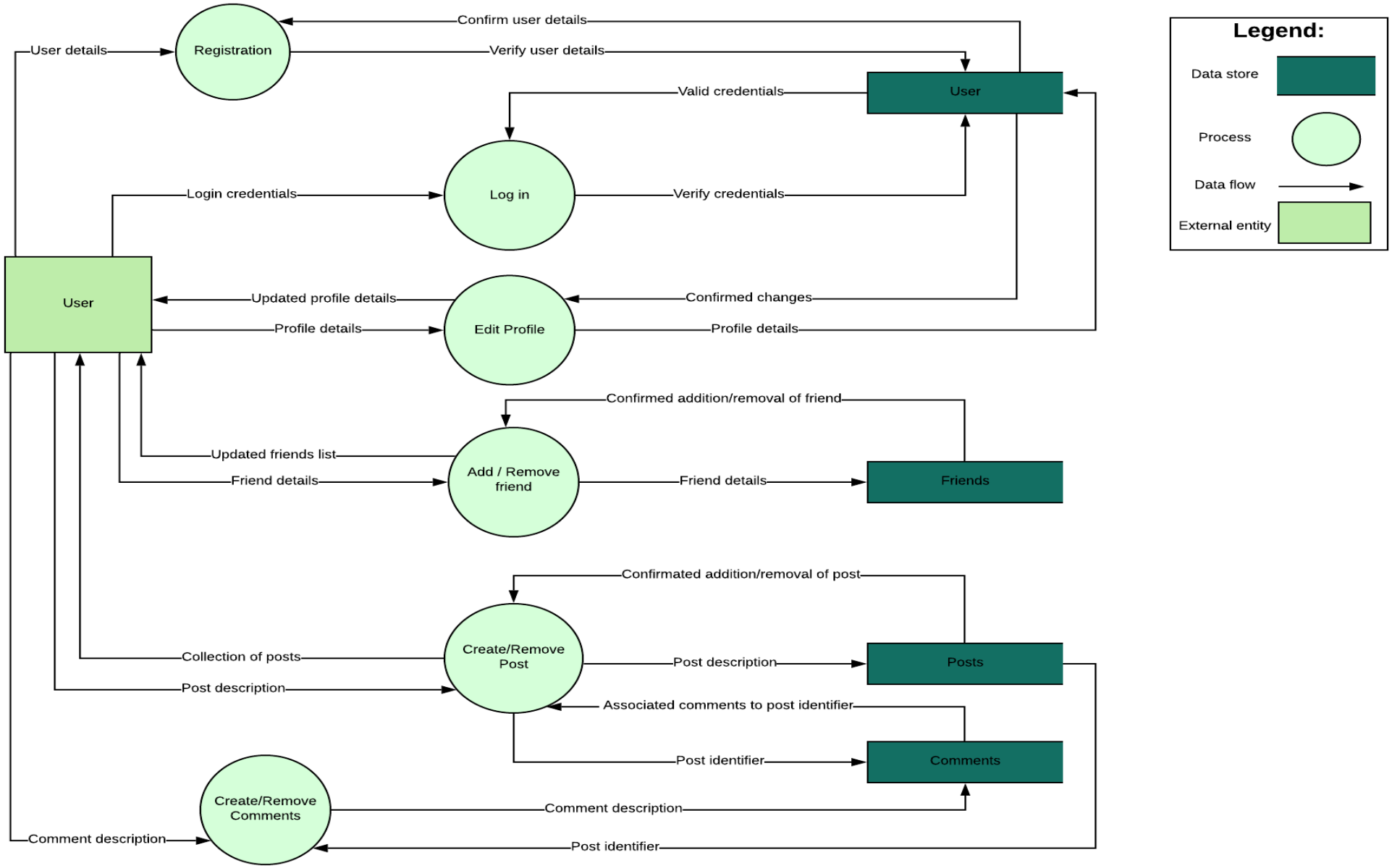
Mongoose

Bcryptjs

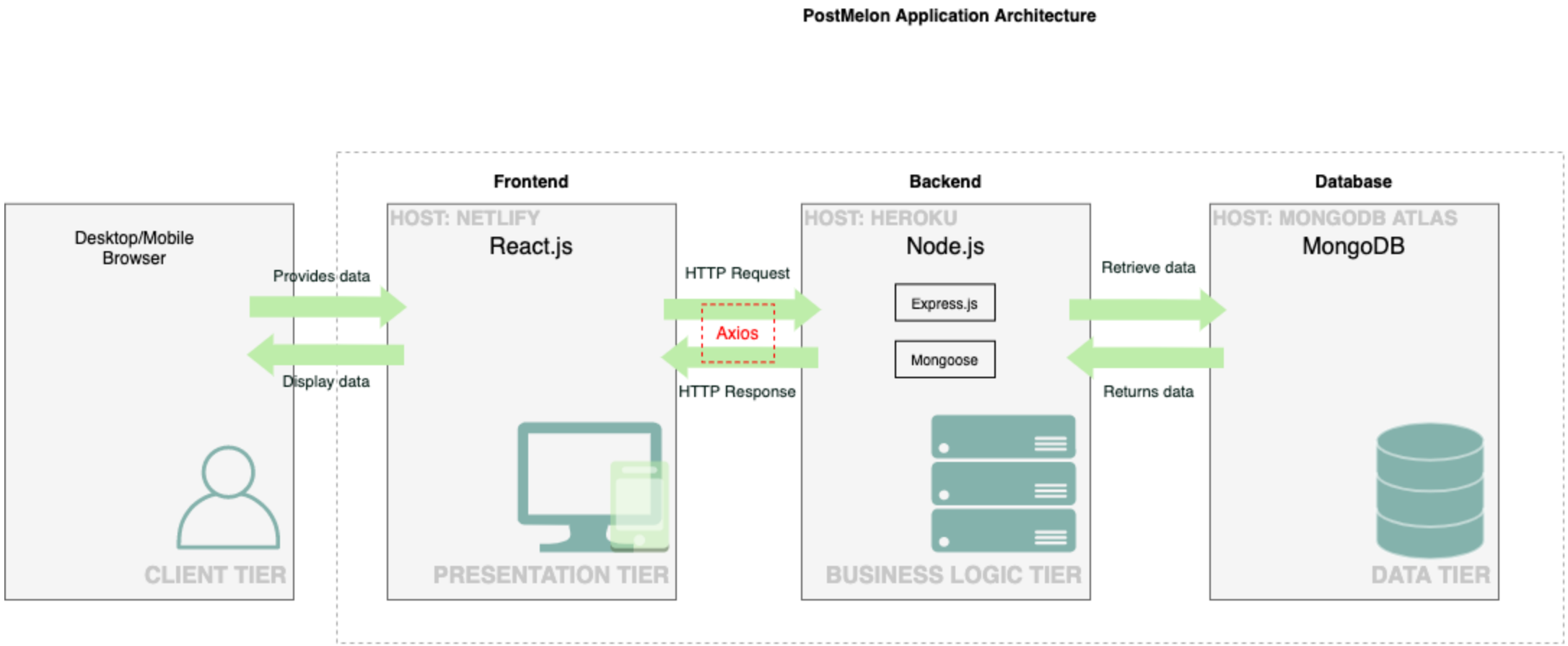
Express Validator

Data flow Diagrams

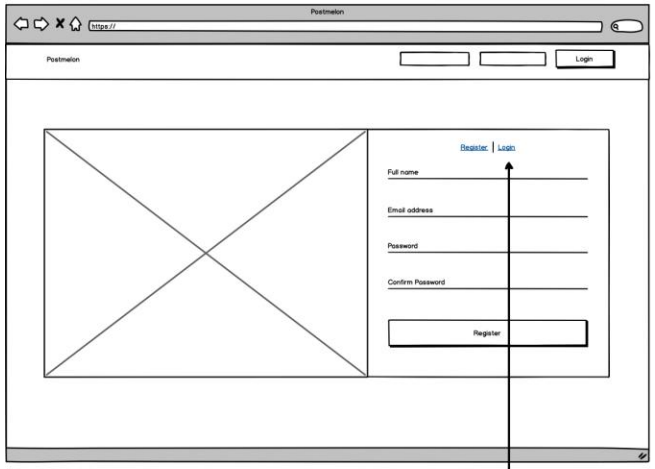



Legend:
Data store
Process
Data flow
External entity
Registration
User
Log in
User
Edit Profile
Add / Remove friend
Friends
Create/Remove Post
Posts
Comments
Create/Remove Comments
Confirm user details
User details
Verify user details
Valid credentials
Login credentials
Verify credentials
Updated profile details
Confirmed changes
Profile details
Profile details
Confirmed addition/removal of friend
Updated friends list
Friend details
Friend details
Confirmated addition/removal of post
Collection of posts
Post description
Post description
Associated comments to post identifier
Post identifier
Comment description
Comment description
Post identifier

Application Architecture Diagram



Landing Page (Desktop) - Register



Landing Page (Mobile) - Register

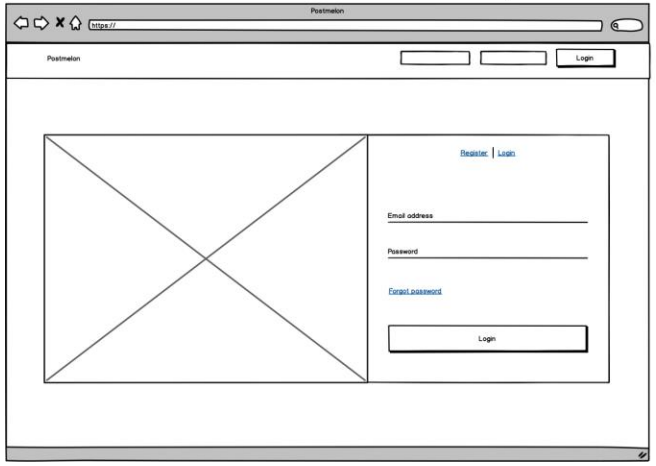
The user can login either through the navigation bar or through the form below by clicking on Login.

By default the landing page will be the registration form. Completing all the fields and clicking register will move navigate the user to the home page.

If the user chooses to login through the form by clicking 'Login' then the form will change view to the login form instead.

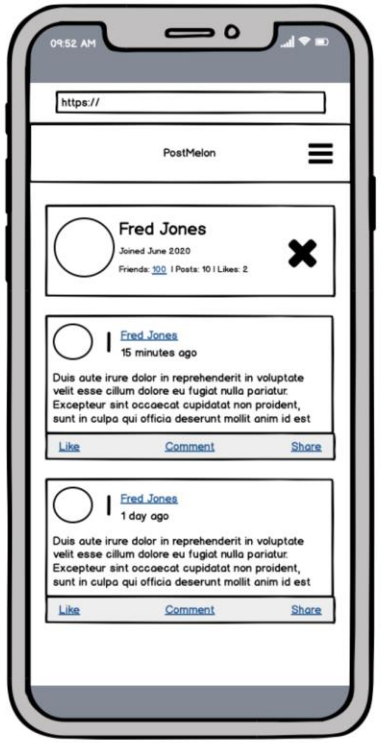
Clicking 'Login' will navigate the user to the Home page.

Landing Page (Desktop) - Login

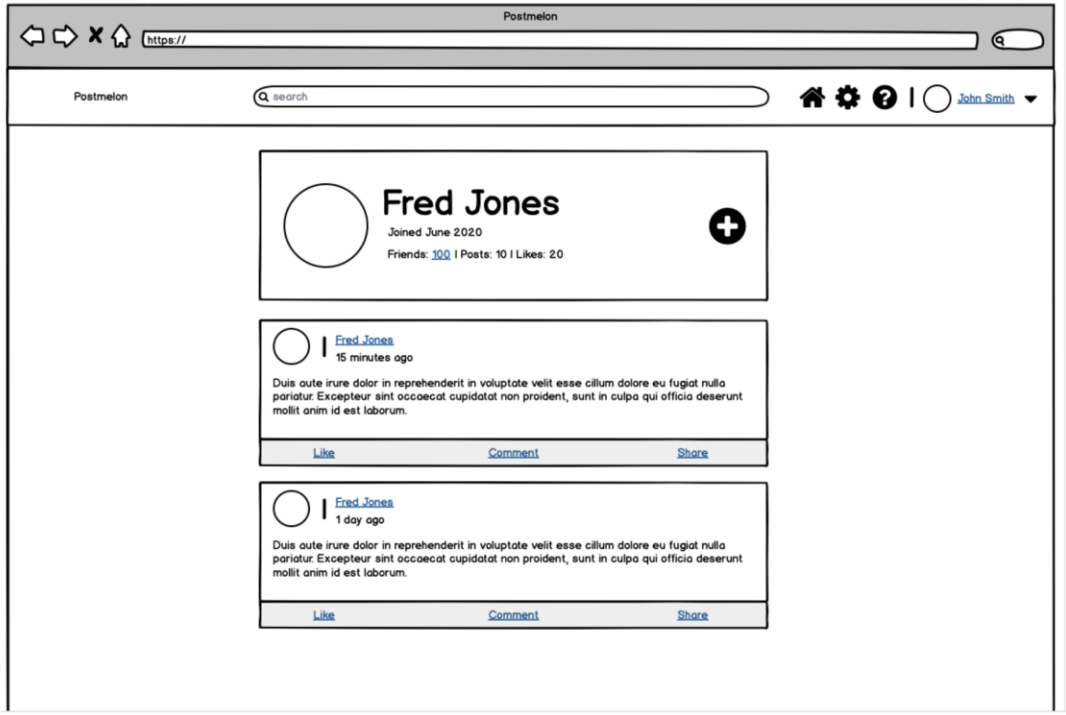


Landing Page (Mobile) - Register

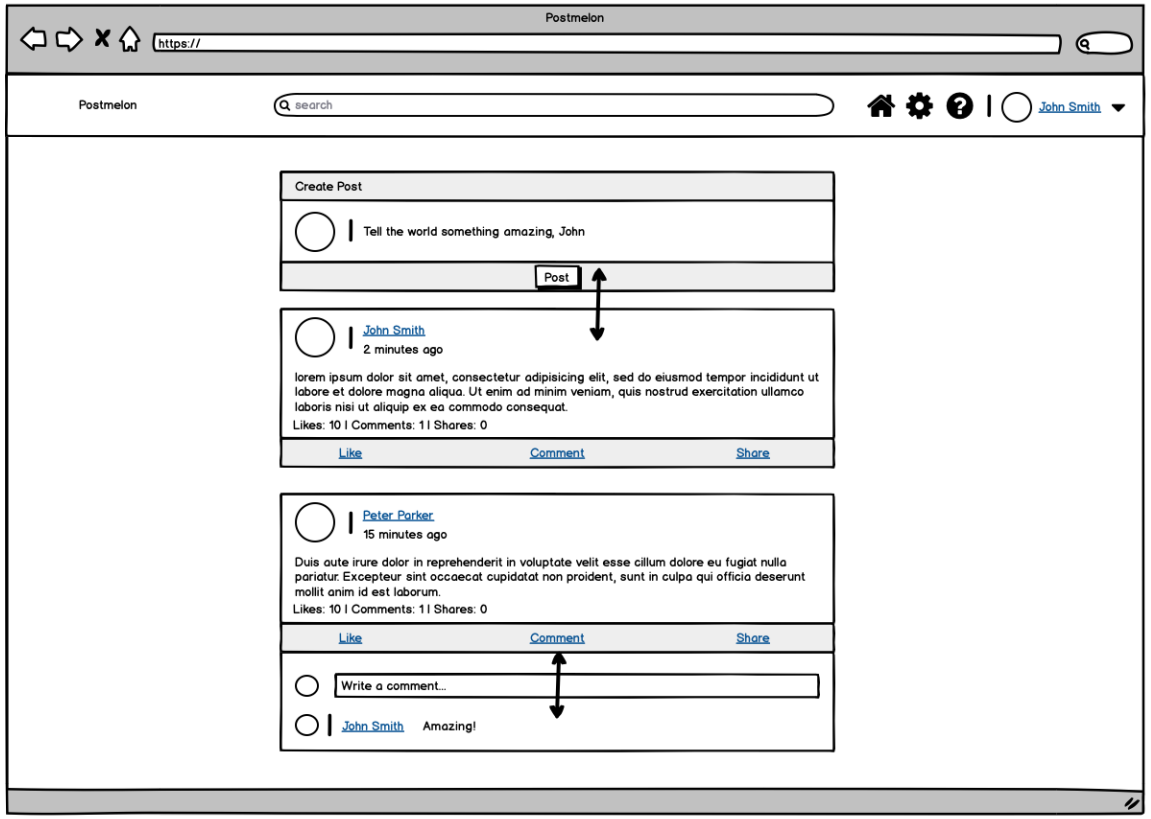
Friend's Profile (Mobile)



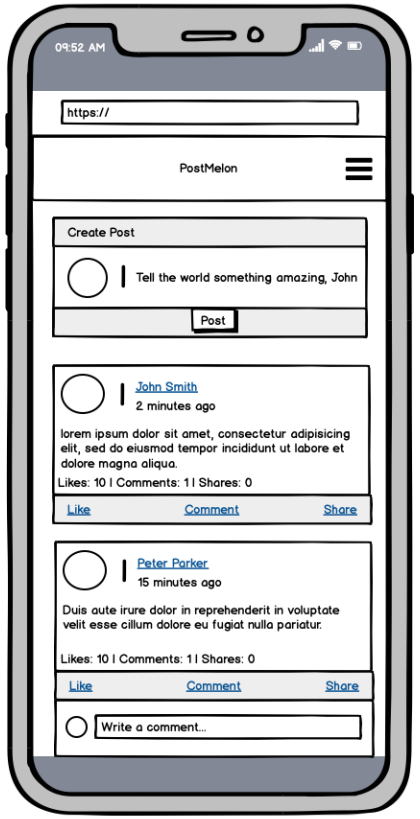
Public Profile (Desktop)



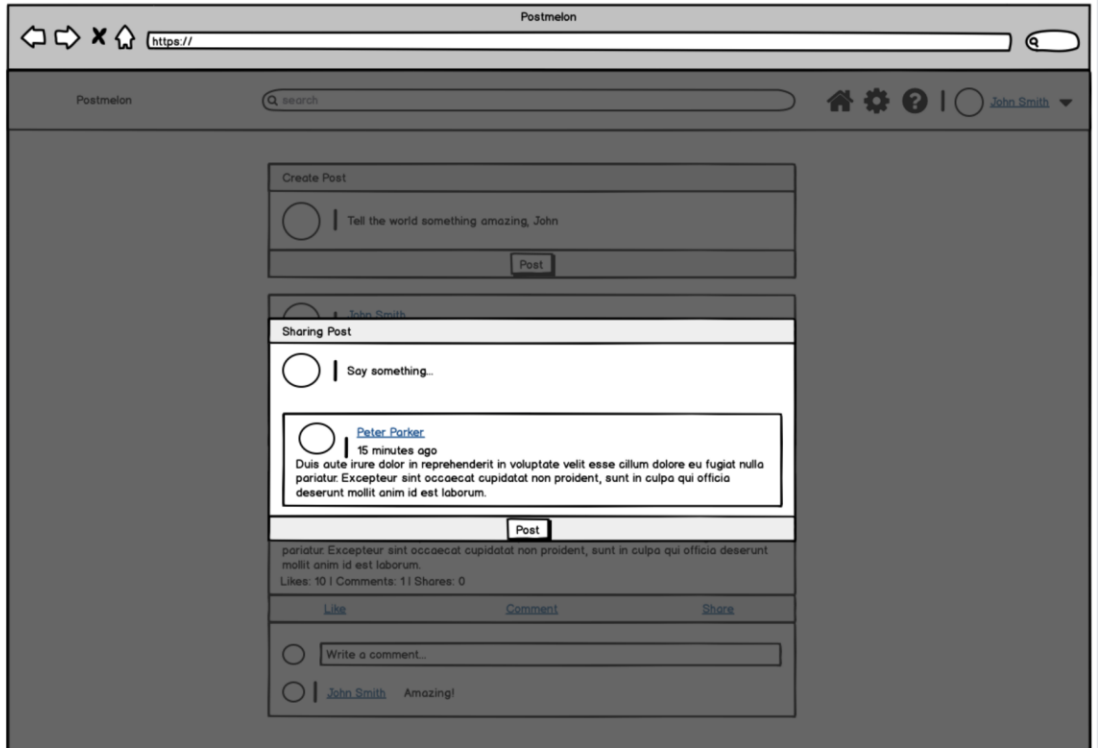
Home (Desktop)



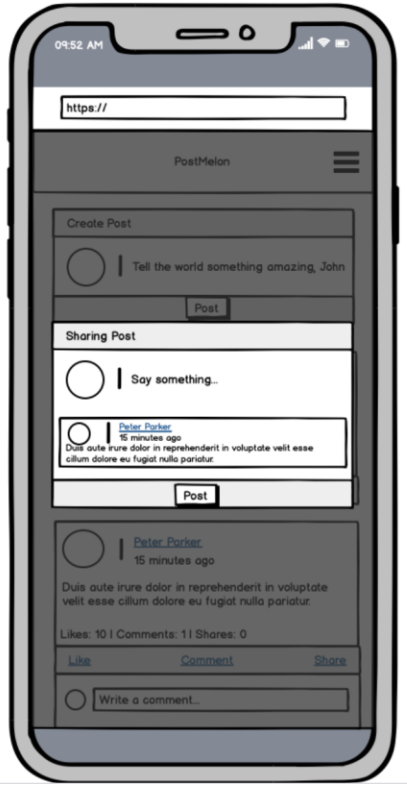
Home (Mobile)



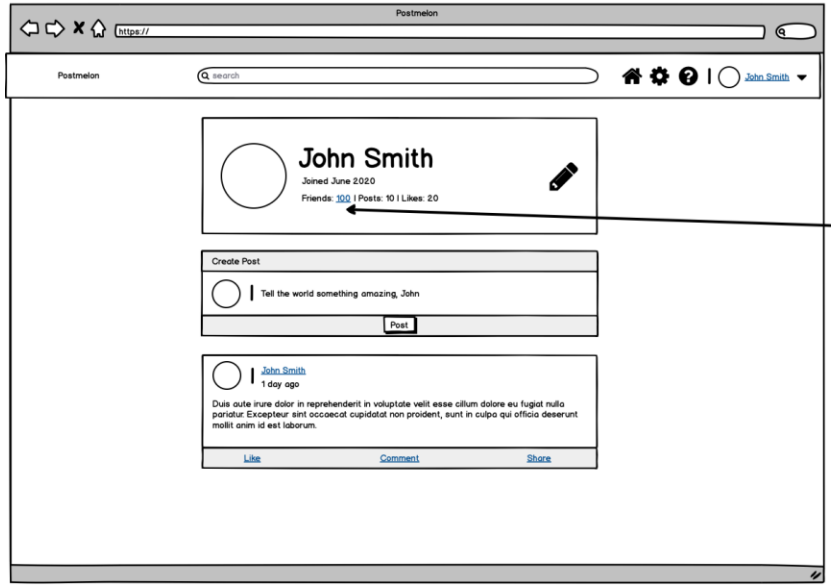
Home (Desktop) - Share Post (Pop up)



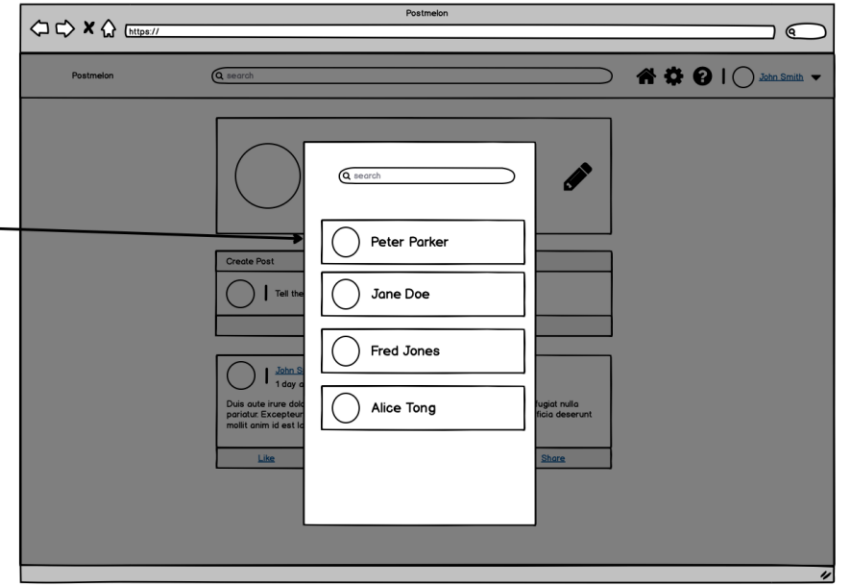
Home (Mobile) - Share Post (Pop up)



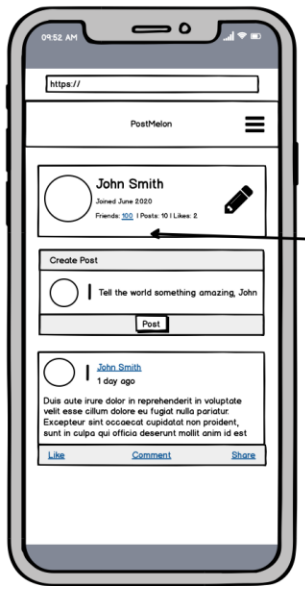
Profile (Desktop) - Friends List



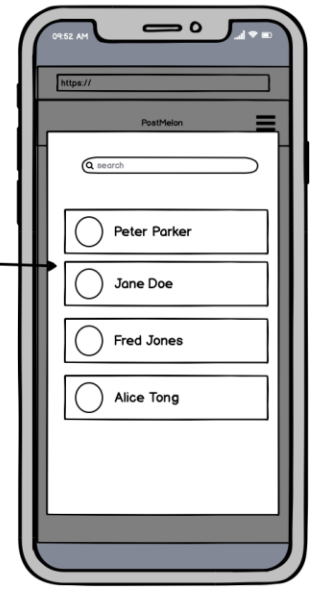
Profile (Desktop) - Friends List (Pop up)



Landing Page (Mobile) - My Profile



Profile (Mobile) - Friends List (Pop up)



DETAILS

Content producer/ Social media influencer, Female, 23, creative, tech-savvy influencer wants to post written content, videos, and images to share with others.

GOALS

Would like to build a personal brand and accrue a large following on social media in order to receive product sponsorships.

BRYCE

DETAILS

Full-time student/barista, 23, male, ducko enthusiast juggling school and work.

GOALS

Would like to share new and exciting duck news with followers and meet fellow enthusiasts.

User Personas

DETAILS

Parent, male, 31, office clerk, social and outgoing dad, wants to keep in touch with friends and college buddies but has limited time to socialize due to job and parental commitments.

GOALS

Would like a way to maintain contact and keep abreast of friends' exciting news, updates, or announcements that he may have missed.

Persona: Terry
User Story: Home Feed

Description

AS a user,

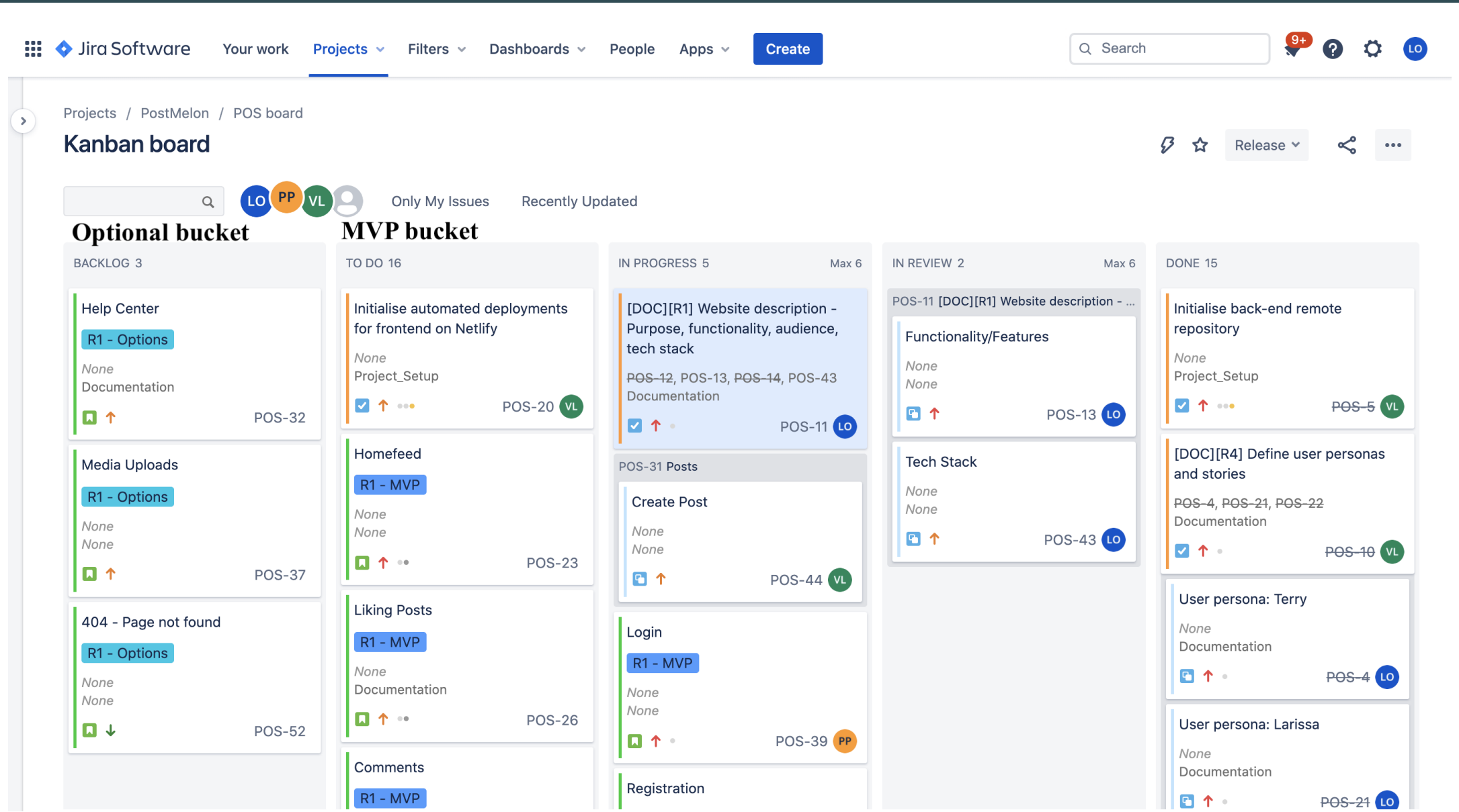
I WANT TO see new posts from people on my homefeed in real-time,

SO THAT I can see what my friends are up to and stay updated on events I may have missed such as wedding proposals, fantasy football league drafts, etc.

Acceptance Criteria:

- The user should be able to create a new post from the home page.
- Homefeed should be sorted descending by created date and time.
- The home page should only display posts from the user and their friends.
- Each post should be timestamped by created date.

Project Management:
Jira Software & Github integration


Jira Software
Your work
Projects
Filters
Dashboards
People
Apps
Create
Search
9+
LO
Projects / PostMelon / POS board
Kanban board
Release
LO
PP
VL
Only My Issues
Recently Updated
Optional bucket
MVP bucket
BACKLOG 3
Help Center
R1 - Options
None
Documentation
POS-32
Media Uploads
R1 - Options
None
None
POS-37
404 - Page not found
R1 - Options
None
None
POS-52
TO DO 16
Initialise automated deployments for frontend on Netlify
None
Project_Setup
POS-20
VL
Homefeed
R1 - MVP
None
None
POS-23
Liking Posts
R1 - MVP
None
Documentation
POS-26
Comments
R1 - MVP
IN PROGRESS 5
Max 6
[DOC][R1] Website description - Purpose, functionality, audience, tech stack
~~POS-12~~, POS-13, ~~POS-14~~, POS-43
Documentation
POS-11
LO
POS-31 Posts
Create Post
None
None
POS-44
VL
Login
R1 - MVP
None
None
POS-39
PP
Registration
IN REVIEW 2
Max 6
POS-11 [DOC][R1] Website description - ...
Functionality/Features
None
None
POS-13
LO
Tech Stack
None
None
POS-43
LO
DONE 15
Initialise back-end remote repository
None
Project_Setup
~~POS-5~~
VL
[DOC][R4] Define user personas and stories
~~POS-4~~, ~~POS-21~~, ~~POS-22~~
Documentation
~~POS-10~~
VL
User persona: Terry
None
Documentation
~~POS-4~~
LO
User persona: Larissa
None
Documentation
~~POS-21~~
LO

POS-41 / POS-40

Give feedback 1

Registration

Attach | Create subtask | Link issue | Add Checklist

Description

AS a potential user,
I WANT to be able to register for an account,
SO THAT I can share my posts with my family and friends.

Acceptance Criteria

- Accessible from the navigation bar.
- Accessible from the login form.
- Contains required fields - Full name, email, password, and password confirmation.
- Password has minimum criteria of 6 characters.
- Login is accessible from the registration form.

Checklist

1 / 2

Add ToDo item or header text here...

- [x] ~~Build backend logic~~
- [ ] Build frontend logic

Activity

Show: Comments | History | Work log | Checklist history

VL Add a comment...

Pro tip: press M to comment

In Progress

Assignee
PP Patricia Pavia

Reporter
VL Vincent Lieu

Development
5 commits 7 hours ago

Labels
None

Epic Link
R1 - MVP

Priority
↑ High

Show 5 more fields
Story Points, Original Estimate, Time trackin...

Created 23 hours ago
Updated 6 hours ago
Configure

Development POS-40

Branches | Commits | Pull requests | Builds | Deployments | Feature flags

postmelon-backend (GitHub) Show all files

Author	Commit	Message	Date	Files
	d065d1	POS-40 create auth middleware and JWT verify and user authentication / logi...	07/15/2020	2 files
	f14899	POS-40 implement JWT when user register its return token so user can user ...	07/15/2020	3 files
	8e7e3d	POS-40 create user model, create user route that user new can register bring...	07/15/2020	3 files
	a83d53	POS-40 get all test route set up and already test it working	07/15/2020	5 files
	f24241	POS-40 bring in express create serverjs and connected to mongodb atlas	07/15/2020	5 files