

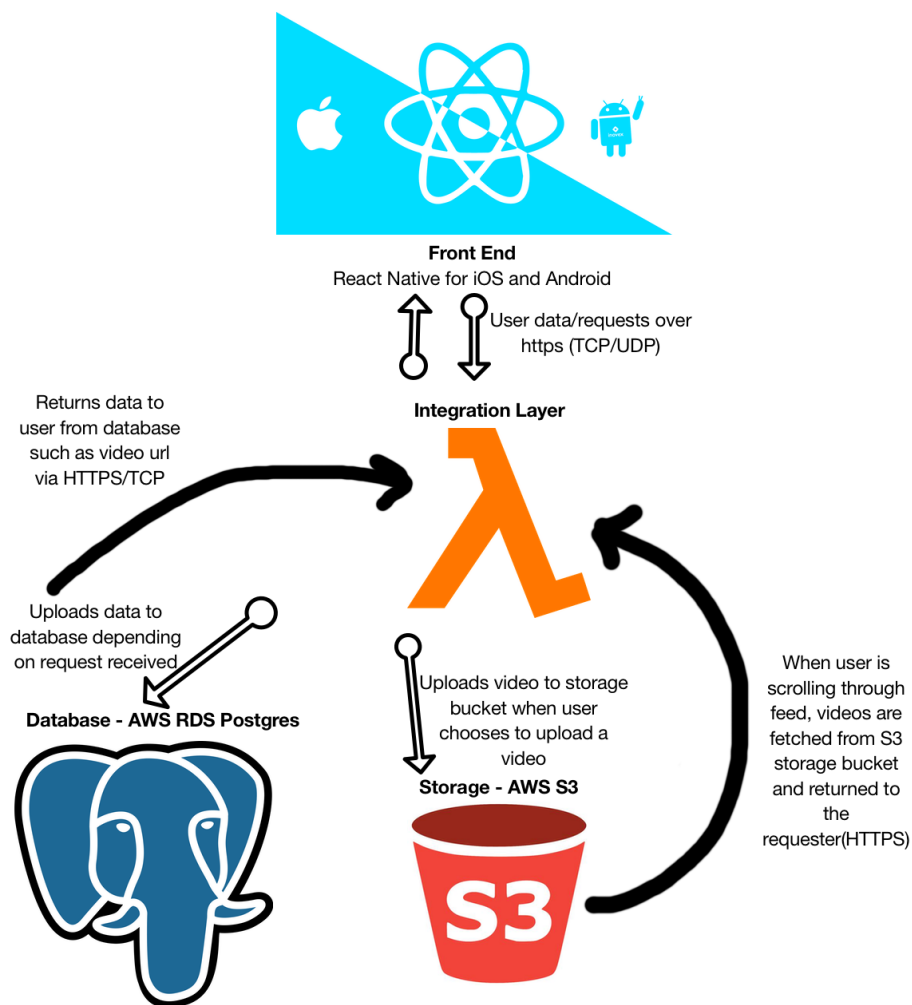
Project Milestone 4

CSCI 3308-206 - Group 1

Revised List of Features:

No change for features. Login, Register, and Camera features are complete.

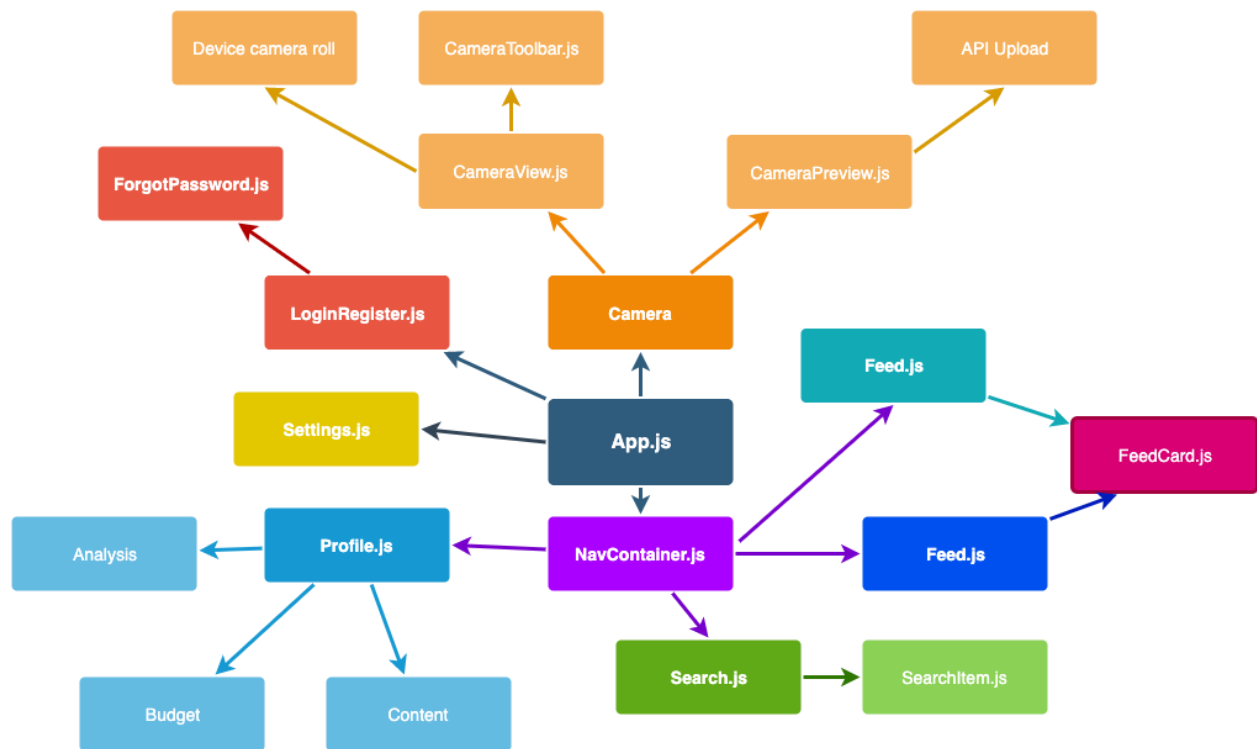
Architecture Diagram:



Front-End Design:

A mobile platform written in React Native js to be deployed onto android and ios app stores. Most dependencies for this app are from either React Native or Expo. The front-end's framework consists of a root component used for navigation, feature components, and partial

supporting components. The main features of the front-end let the user share multimedia, as well as view and respond to others' shared media. The FE makes requests to the BE using both axios and AWS libraries.




Web Service Design:


We are not using any third-party web services, however we are creating and hosting our own API on Amazon Web Services through AWS Lambda + AWS API Gateway.


1. Functions

- Login: receives username/email/phone + password, returns JWT token or False
- Register: receives username, password, email or phone number, returns JWT token or False
- checkUsername: receives a username, returns true if the username is available, false if the username is taken

Database Design (Postgres):

Followers		
 id	integer	
followingId	integer	
followerId	integer	

Users		
 id	integer	
username	string	
password	string	
email	string	
createDate	timestamp	
phoneNumber	integer	

Likes		
 id	integer	
users	integer()	
videoid	integer	

Videos		
 id	integer	
title	string	
description	string	
uploadDate	timestamp	
ownerId	string	
likes	integer	
url	string	
loops	integer	

