LUCKYMOMENT

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OUR VISION – MEET PEOPLE AUTHENTICALLY!

Snap, swipe, meet, and repeat!

LuckyMoment is a new way to meet people in your area. Every day, users snap a live photo through their webcam to connect with others doing the same.

FEATURES

1.

DAILY IMAGE 📸
Post a picture daily to be able to use all of the features

2.

SWIPE 👆
Swipe to view potential romantic partners and friends

3.

CHAT 💬
Send live messages to your friends and matches to form new connections

4.

PROFILE 💁‍♀️
Customize your profile with your preferences, bio, interests, and favorite song!

5.

MEMORIES 🌅
Look back on your previous snapshots of the week

6.

FEED 🏡
Ability to view your friends and matches daily post

7.

DISCOVER 💡
Find nearby activities and restaurants, as well as explore new songs

8.

BLOG 👥
View and create blogs that share Lucky Moment success stories
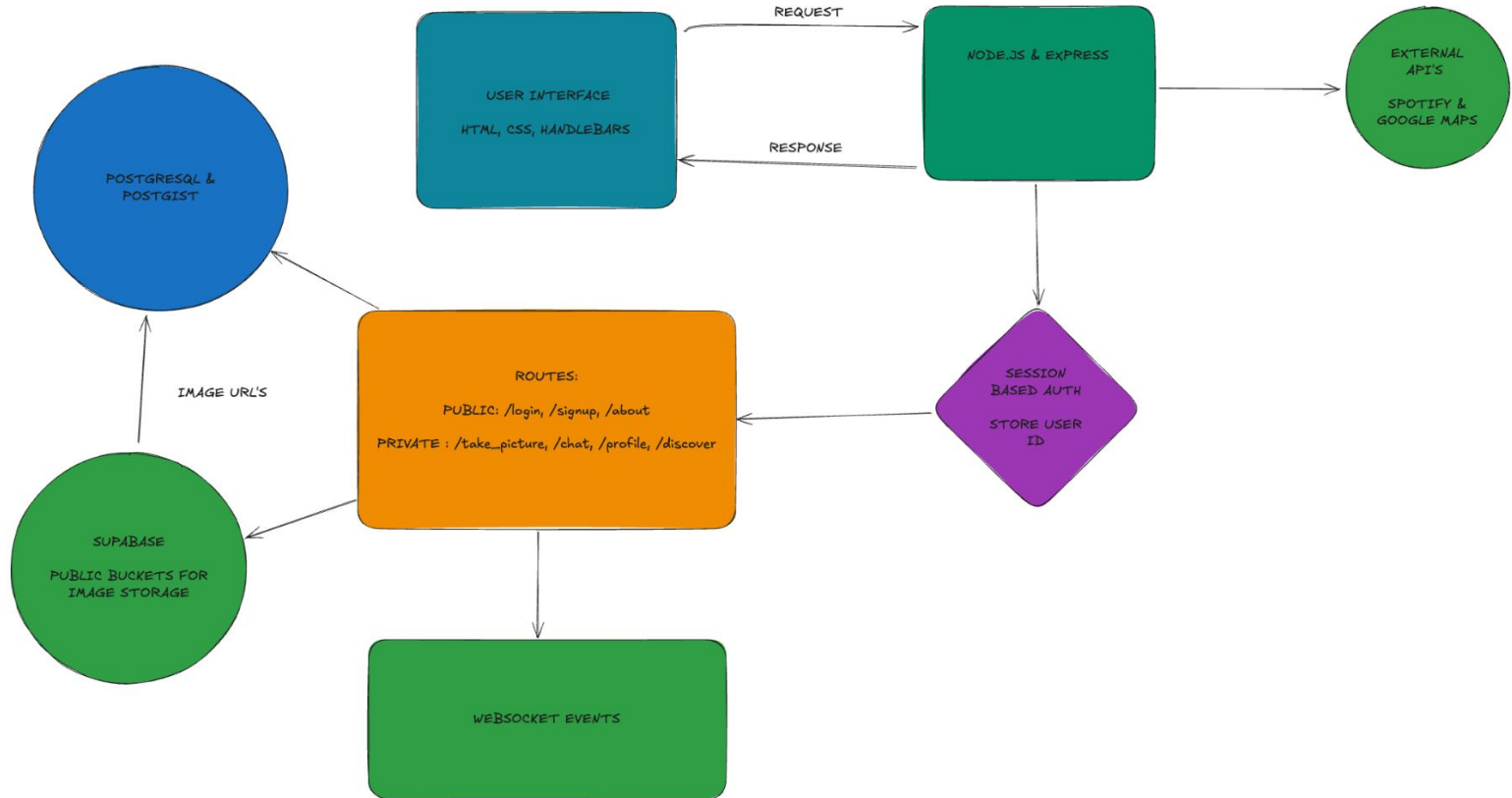
9.

MOBILE 📲
Take photos on the go with your phone!
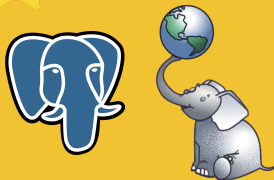
LIVE DEMO!

ARCHITECTURE

TOOLS

POSTGRESQL + POSTGIS ⭐ 5/5

Used as our main database

PostGIS is an extension of PostgreSQL that allows location queries

HANDLEBARS + BOOTSTRAP + HTML + CSS ⭐ 4/5

Used for all of our UI implementations and stylings

GITHUB ⭐ 4/5

Used as our Version Control System repository

Used to assign tasks, track progress, and notify people

NODEJS ⭐ 5/5

Used as our JavaScript environment

TOOLS

VSCODE ⭐ 5/5

Used as our IDE. Helped us to read code, edit files, and organize the project.

MOCHA + CHAI ⭐ 4/5

Used as out testing suite. Allowed us to easily test apis, add users, and clean up test data.

EXPRESS ⭐ 4/5

Used to simplify routing, middleware, and HTTP utilities.

SPOTIFY WEB API ⭐ 4/5

Used to set user's favorite songs and help match users.

TOOLS

SOCKET.IO ⭐ 3/5

Used for the live chat feature because of its real-time, bi-directional communication between web clients and servers

GOOGLE MAPS PLACES_API ⭐ 5/5

Used to search for nearby restaurants and activities to the user

RENDER ⭐ 2/5 **render**

Used to deploy our project that interacts with a PostgreSQL database

SUPABASE ⭐ 5/5

External database used for storing taken images

METHODOLOGIES

1.

Weekly Meetings

Scheduled weekly meetings where we can update each other on out progress, blockers, and just work together.

2.

Peer Code Reviews

After completing a feature, requested another groupmate to help review our changes to ensure that we didn't miss anything

3.

Agile (Sprints) Workflow

Broke up our tasks into manageable chunks which allowed us to simplify our plans.

CHALLENGES

GITHUB

- Learning curve to being able to use git effectively as a team
- Lots of messed up pull requests and merge conflicts to sort out
- Figured this out through trial and error until everyone felt comfortable

STRUCTURING

- Many mistakes with the layout and structure of our paths
- Constant reorganization and then agreeing to a final structure

STAYING ON TOP OF PROJECT

- For the first two weeks, we struggled to develop good communication and delegate tasks
- We planned too much
- Fixed by putting in a large group effort over week 3

SCHEDULING

- 7 people that have busy schedules does not mesh great for meeting times
- Worked with our great TA to figure out meeting times
- If someone could not make it we filled them in & handed out tasks

FUTURE ENHANCEMENTS

STREAKS

- Users are rewarded with a "streak" when they consistently post every day
- Higher streak = higher profile visibility

PREMIUM SUBSCRIPTION

- Includes photo retakes, restoring streaks, custom themes, etc.

COMMENTS

- Users can interact with each other under posts

NOTIFICATIONS

- One notification will be sent to every user at the same time to take a photo
- User is notified when someone matches with them, likes their post, messages them, etc

USER INTERACTION

- Users can block others
- Friends can get changed to a match and vice versa

IMPROVED ALGORITHM

- Matching algorithm is more customized to each user's interests

THANK YOU!

STICKER SHEET