**Coding Requirements**

-basic idea of project

Using the NASA API to pull a specific search of photos.

-put into database the info for the photos they want to keep for their personal clipboard

-search based on what the photo is of

-“Pinterest-like”

-what technologies

-NASA API

-team leader

Lori

Must use a Node and Express Web Server

Must be backed by a MySQL Database with a Sequelize ORM

-save photos you’ve selected

-tag photos for WHY you selected them

Must have both GET and POST routes for retrieving and adding new data

-display page for what you have

-putting new pictures on clipboard

Must be deployed using Heroku (with Data)

Must utilize at least one new library, package, or technology that we haven’t discussed

Materialize

Must have a polished frontend / UI

Must have folder structure that meets MVC Paradigm

Must meet good quality coding standards (indentation, scoping, naming)

**Coding Nice to Haves**

Utilize Handlebars for Server-Side Templating

-template for webpage

Incorporate Authentication (JSON Web Tokens, Sessions, Etc.)

authentication - who am I? Am I who I say I am?, authenticate with password or code

authorization - am I allowed to do this?

-could do some kind of user login to save your own clipboard

Use an existing public dataset to power the database

-NASA API

Create a migration strategy for sharing data across teammembers.

-how do you share your local database with your teammates?

-TBD

**Presentation Requirements**

You will also be responsible for preparing a 10 minute (at least; a little over is fine) presentation.

This will be a formal presentation.

One in which you explain in detail:

Your overall application’s concept

The motivation for its development

Your design process

The technologies you used (and briefly how they work)

A demonstration of its functionality

Directions for future development

Treat the presentation seriously!

Talking intelligently about tech > doing tech sometimes.

**Metrics**

concept

design

functionality

collaboration

presentation

Controller - Amanda

server.js

connection.js

controllers directory

Local Database - Ashley

sequelize definition of the user database and photo database

config directory

model directory

db directory

NASA API - Lori

setup

Views - Bob

webpage templating

public directory

handlebars