1. Project Description
   1. The purpose of the application is to more easily find community submitted photographs based upon location and date. For example, it might be difficult to find pictures from a July 2007 Matisyahu concert in Council Bluffs, IA just by using the currently available search tools. However, searching for photos would be much easier if you needed the location and date. Fortunately, the bulk of photographs taken with a cellphone include the GPS coordinates and time in the EXIF data. This will allow the user to contribute to the database without needing to do any additional tasks.
2. MVP
   1. Search for images based on date range & lat/long coordinates
   2. Allow users to submit photos and pull EXIF data.
3. Bonus Features/Stretch Goals
   1. User profile page to CRUD photos
   2. Follow other users
      1. “Feed” would be a map with markers instead of a scrollable list
   3. Log into account using text verification
4. Database Schema and Diagram
   1. Graphical user interface, diagram, application

      Description automatically generated
5. Sketches of Wireframes
   1. *See pdf*
6. Planned Routes
   1. API
      1. Photos
      2. Searches
7. React Component List
   1. Map
   2. Map Marker
   3. Photo Thumbnail
   4. Photo description
   5. Search Hyperlinks
      1. Favorite Searches
      2. Popular Searches
   6. Custom Search Modal
   7. File Upload Modal
   8. NavBar
8. List of Planned Technologies
   1. [Google Map React](https://www.npmjs.com/package/google-map-react)
      1. The actual map
   2. [Google Maps Geocoding](https://rapidapi.com/googlecloud/api/google-maps-geocoding)
      1. Address to lat/long cords
   3. AWS
   4. [React File Drop](https://www.npmjs.com/package/react-file-drop)
      1. Drop a file to upload
   5. [Exif.js](https://github.com/exif-js/exif-js)
      1. Get geolocation and date from photo
   6. [Telesign SMS Verification](https://rapidapi.com/telesign/api/telesign-sms-verify)
      1. Easy to use verification