**Family Photo Album Development Outline**

* Overview: Webapp that allows my family to share family photos with extended family members. Photos would be searchable by date and people in the photo
* Features
  + Log in
  + Search function by people and date range
  + Facial recognition and meta data extraction to categorize photos
  + Upload photos?
* Design
  + Front end: Blazor web server
  + Back end: C#
  + Database:
    - Metadata: NoSQL (Azure Table)
    - Photos: Azure Blob storage
    - Graph database?
* Classes
  + Photo Metadata
    - Photo name
    - url
    - family members (.name)
    - date taken
  + family members
    - First name
    - Face image
    - DOB
  + Users
    - Email
    - Password
    - Account status (locked out)
  + Admins
    - Email
    - Password
    - Account Status (locked out)
* Pages
  + Home/About/Login
  + Search Input
    - Controls: select start and end date from calendar. Defaults to all
    - Radial to select who you want photos of
  + Search Results (Or combine with search input)
    - Ability to download the images
  + Upload photos
* App concerns
  + Secure connections for photos