Jacob Scarani

Dean Ganskop

Foundations of Mobile Design
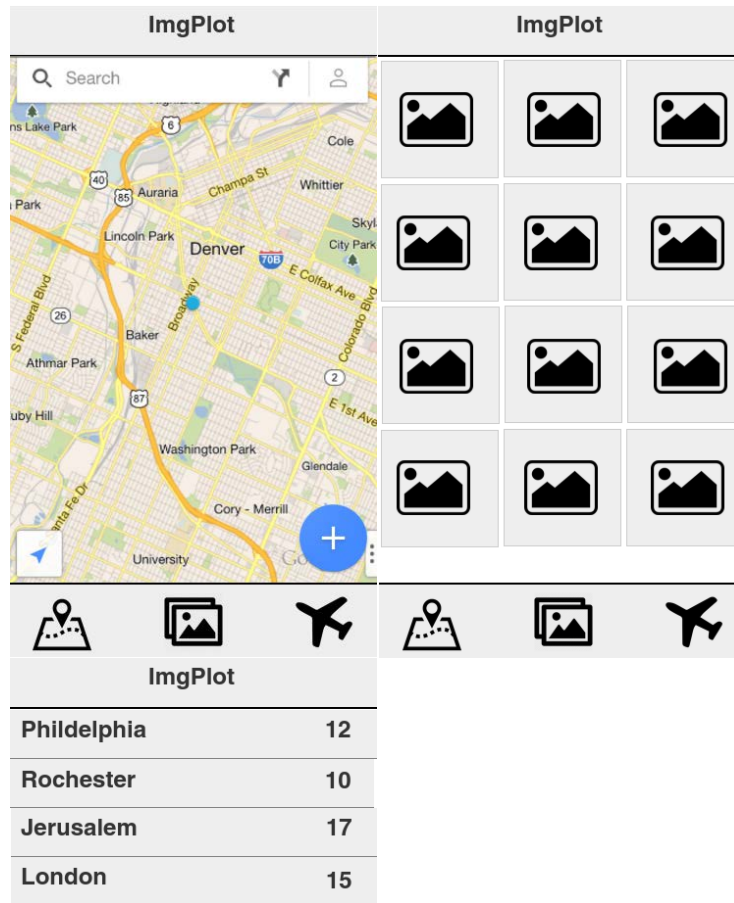
4/15/2018

1. App title: ImgPlot
2. App definition statement, e.g.:
    o What does it do?:
        ▪ Plots images on a map using metadata from the photo
    o Who's it for?:
        ▪ people who want see where they have traveled and taken photos and have them on a map.
    o What niche does it fill?:
        ▪ People who travel and/or take photos
    o What differentiates it from the competition?:
        ▪ It uses tabs and a neater and nicer UI compared to android options. It would also be %100 free if on the app store.
3. Brainstorm features
    o List out all of the features that you might like to have in the app. Don't hold back; list everything you can think of.
        ▪ Show a map with plotted points given photometadata
        ▪ User simply uploads a photo and the app does the work for them.
        ▪ user can also see all the photos they have uploaded to the app.
        ▪ user can see a list of where they have been and how many photos they have taken in that location
        ▪ Add/Edit information of a photo such as location(if desired) and a decription
4. Competitive analysis
    o Review at least one similar iOS app and one similar Android app.
    o For each app, include:
        ▪ the name of the app
        ▪ its general features
        ▪ its strengths and weaknesses
        ▪ the features you think it's missing
    o IOS:
        ▪ photos
        ▪ Features:
            ▪ Places
                ▪ Also shows nearby photos

- gallery
- memories
- social elements
  - sharing
  - groups & people
- albums
- Strengths:
  - Good design
  - Made specifically for IOS by Apple
  - Comes installed default
  - Includes Memories
  - Includes social elements
  - Includes a cloud (presumably)
- Weaknesses
  - None
- Features missing:
  - none
- Android
  - Photo Map:
    - Features:
      - View geotagged photos on a map
      - Share
      - Camera
      - Locations
      - Albums
      - Captions
      - Location from gallery
      - Slideshow
      - Autogenerates a site for each album
    - Strengths:
      - Includes a lot of features
      - Supports both earth and satellite modes
      - Free with no ads or spam
    - Weaknesses
      - UI seems a bit too minimal
        1. Seems to be shoved mostly into two FABs that then shows other options/ features
        2. Other screens are put into a side drawer rather than actual pages
      - Buttons are a bit confusing
        1. Home vs. current location?
      - crashes often
    - Features Missing:
      - The ability to update a location
        1. Some locations are labeled as "unknown"
      - A help/faq
  - Photo Map Gallery

- Features
  - View photos
    1. Folders
    2. Folder structures
  - Diary
  - Calendar
  - Trips
  - filter by a custom recent time period
  - surroundings
  - countries
  - places
  - plotted images on map
  - group photos by different variables
  - share with friends
  - label photos
  - slideshows
- Strengths:
  - Has a lot of useful features
- Weaknesses
  - There is so much going on with this app that it feels a bit overwhelming and sometimes a bit too much.
  - Partly because there are so many features, the UI seems very scattered and a bit dated
  - many features are locked behind a paid pro version

5. Mock ups:

ImgPlot

Search

ImgPlot

ImgPlot

Phildelphia	12
Rochester	10
Jerusalem	17
London	15

6. Technologies
List which of each you'll be using:

- Ionic template:
  - tabs
- Cordova plugin:
  - Image picker
- Ionic Plugin:
  - Ionic Gallery
- Third-party APIs (2):

- getimage.io
- google maps