NY: Parks and Trails App

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Application Definition

This is a park finding app designed for those who are passionate about state parks, camping and the wilderness. You are able to view all sorts of information about each park and there are so many parks to choose from.

About this app

Features marked in green go beyond the standard requirements

- The app will has all of the functionality from ParkFinder Parts I-III
- The parks in the parks tab will be in alphabetical order.
  - Favorite parks are marked with a star
  - You can search through the parks names
- There is a "Share" button in the park detail page that the user can tap. This causes the park to be shared with others using a social service.
- There will be a "View on Web" button in the park detail page that the user can tap. This causes the park to be viewed in the Mobile Safari app.
- The tapping the Favorite button on the park detail page will add the StatePark to a favorites array in the ParkData.swift singleton.
  - If the park is already favorited then this becomes an Unfavorite button. When tapped it removes the park from the singleton
  - Parks can only be favorited once.
  - Park data is private and can only be accessed through methods
  - This has been thoroughly tested and is very efficient
- The contents of the favorites array is displayed in the Favorites tab by a unique class
  - There are controls in the favorites tab where the user can rearrange and delete the state parks.
- The StatePark class conforms to the NSCoding protocol. The contents of the parks array (and each's favorite status) are serialized and saved to disk, and then loaded in whenever the app starts up.

- There are 18 parks in my data set.
  - Addresses are also pulled for every park
  - Regions are listed for every park
  - the park's description fits in its table cell. I created a custom table cell and used auto-resizing.
- The About screen displays my name and the name of the app.
- The app has a custom launch screen that displays my name, and the name of app.
- The app has custom app icons in all of the required sizes.
- The app functions on both iPhone and iPad, in both landscape and portrait orientation.
- The code follows all code conventions