

Geography App

List of all countries in the world and their capitals

Purpose: learn all the capitals

Screens

- Start screen?
- About screen?
- List of all countries and capitals, 2 columns, table view?
 - Another list sorted by capital?
 - Another list sorted by population?
- More information about one country
- Flash card mode
 - By country,
 - By capital
- Quiz mode
 - Type the name of the country or capital
 - Big keyboard – custom
 - Forgiving of spelling
- Tab controller? 6 screens, actually 4 screens

Assets

- Images: 200+ outline maps of the countries
- Images: 7 outline maps of continents
- Audio: none – but there could be
- Videos: none

Code

- Tab bar controller?
- 6 screens
- Table View data source
- Sorting code
- Spelling code
 - Levenshtein
- Custom Keyboard
- Table view navigation code to details screen
- Flash card navigation
- Flash card record keeping
- Bad list
- Quiz mode navigation
- Quiz mode record keeping

Data

- List of 200 countries
 - Capital(s)
 - Name
 - Area
 - Population
 - Images
 - UN?
 - Language(s)
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Process

1. Storyboard
2. Images
3. Outlets for things that might change
4. Actions for buttons that get pressed
- 5.