Seabird Apps Feature Spec

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# **Project Summary**

Starting with our Dartmouth Student iPhone app as a guide, build a cross-platform template smartphone app that can be easily changed to fit the needs of a particular school. The final product should be a template project (presumably built in React Native) that a Seabird Apps developer can copy-paste and easily edit to create a new app for a school in a couple hours time or less. In working with DALI, we also expect to make a number of improvements on our original design, ultimately resulting in products that will be of tremendous benefit to our client schools and organizations now and years into the future.

# **Features**

* Login screen
  + User can select which type of user they are (student, alum, visitor, etc)
  + Can also input their name and email, which sets up their account
* Home screen with six modules
  + 6 tiles must link to their respective modules (connected to backend)
  + Title bar at the top with a simple image (school name)
  + Button for settings
  + Button for More
  + Some sponsorship functionality (for local businesses, etc)
* More screen with a flexible number of additional modules
  + Smaller tiles that can be easily navigated to find desired information
  + Tiles must link to their respective modules (connected to backend)
* User customization of Home and More screens
  + Module where user can drag/set which tiles they want on home screen
* Webview module
  + Displays a web page (URL and other info from backend)
  + Title bar
  + Backward/forward navigation through the page
  + Back button to return to previous module
* User settings module
  + User can change personal information, like name, email, year, etc
  + This module could link to the customization module
* Text, image, and buttons module
  + Displays text, images, and buttons that are pulled from the backend
  + Easily configurable by a Seabird Apps developer
* Food module
  + Pulls data from backend about dining hours and which places are open