CS 491 Homework
Mobile Web

1 Overview

Your responsibility in this homework is to explore mobile platform independence. You will do so by writing an app that relies on a couple of mainstream mobile web frameworks: jQuery Mobile and PhoneGap.

2 Requirements

To complete this homework, please do the following:

1. Create a web app for a task of your choosing.

2. Organize your app with jQuery Mobile's paging system.

3. Include at least three interlinking pages.

4. Include a dialog page.

5. Include a custom button icon.

6. Include a set of widgets in a `controlgroup`.

7. Use PhoneGap to implement some native task. Access at least one of the following native functionality APIs: accelerometer, camera, capture, compass, contacts, geolocation, media, notification, and storage.

8. Export your project to `W:\c s\CJohnson\cs491\mobileweb.zip`

9. Document your app in a post mortem on the course blog. Describe the app's purpose, include at least two screenshots, and describe what lessons you learned in its development. Categorize your post `fall 2012`, `post mortems`, and `cs491 mobile`. Publish your post. Check that a link appears on the main course page.

3 Submission

Publication of your post mortem finalizes your submission. Revisit the syllabus for the rules on submission and what happens when you don't meet requirements.