

## ECS 193AB Winter/Spring2017

### Stebbins App

Stebbins Cold Canyon Natural Reserve (<http://nrs.ucdavis.edu/stebbins.html>) is a UC Davis research and teaching site in the mountains approximately 30 minutes from campus. It is also the most popular hiking destination in the region, with more than 60,000 hikers per year. The reserve would like an app that enriches the experience of visitors to Stebbins, possibly including: trail maps and guides, and plant and animal checklists and identification guides. Two years ago, students created an app that shows position on a trail map (available off-line because of lack of cell service) and highlights some observation points. However, several aspects of the app were left incomplete, including content for the observation points and the user interface. Students would have the opportunity to build on an existing platform, expand the content, add other features, test, and launch the app for the public. The app was created for iPhones, but we would welcome duplicating it for the Android platform as well.

Contact: Shane Waddell, [smwaddell@ucdavis.edu](mailto:smwaddell@ucdavis.edu) (<mailto:smwaddell@ucdavis.edu>), and Jeffrey Clary, [jjclary@ucdavis.edu](mailto:jjclary@ucdavis.edu) (<mailto:jjclary@ucdavis.edu>).

*[Create a free website or blog at WordPress.com.](#) Do Not Sell My Personal Information*