

## ECS 193AB Winter/Spring2017

### Right Here/Right Now

My name is Linkai Zhao, I am currently a senior at UC Davis pursuing a degree in Managerial Economics. I am currently recruiting student developers to assist me in bringing "Right Here/Right Now" (working title), a location-based social application, to android and iOS platforms. In its current build, the application is to have two main functions, both based on user location. The application is to use the open source code of the Google maps application as the backbone of its design. Familiarity with the code or similar location-mapping programs is preferred, but by no means a necessity.

With "Post" the first main function of the application, the user will be able to post brief messages, including both text and images, for others with the application to view. Users will have the option to post anonymously, should they so wish, and will have the option of toggling anonymous posting on or off at their preference. Once made, user posts will be mapped to a corresponding location on a digital map included as part of the application. Other users within close proximity will be able to see and respond to these statuses as they appear on the digital map, but only if they fall within a set radius extending from the general location of the original post. Posts will appear on the map as a generic icon (an exclamation point). The intended use of this function is manifold: It is to provide a convenient way for people to share information, whether anonymously or otherwise; it is to provide a forum for users to solicit, RSVP, and search for ongoing events in their immediate proximity; it is to provide a source of leisure or diversion for those users who want to socialize with their neighbors and peers in a casual online setting.

With "Topic," the second of the application's proposed main functions, users can filter the content of the posts they encounter to orient around a particular subject, denoted by a hashtag (#doxyderbie, #deverespubtrivia, #ECSstudygroup, etc.). Topics are to be further divided by two secondary filters. The "Nearby Topic" filter will organize topics based on their proximity to the user, with topics closer in proximity to the user being listed before topics at a greater distance to the user. An example of this filter in action would be posts concerning review sessions and study guides taking precedence over other topics for users located in Shields Library, or topics concerning the day's menu or the breakdown of the ice cream machine appearing first for student's using the application near any of the Dining Commons. Alternatively, the "City" filter prioritizes topics by users most views/likes from "Nearby Topic", such as traffic and engagement at a city-wide level. For example, a user would be able to use this filter to learn that while tickets for the weekend's big blockbuster are currently sold out at the theaters in Downtown Davis, an open-invitation party in North Davis is still in full-swing.

The application is also to support some additional small functions, such as allowing users to create and display their own events in the form of a post or topic; send brief messages to friends; craft and display a user profile; and track the social activities of their friends and fellow users. Available upon request are images representative of the proposed design interface of the application.

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