

## A “Question of the Day” Mobile App for Data Collection

**Project Description:** The goal of this project is to create a fun “Question of the Day” app, along with a corresponding backend. The app will send out one question per day and show the user how their answer compared to the other answers of other users. Such a tool can be used to collect data on topics ranging from health issues to favorite movies. A link to a user’s social media activity will also allow to train models that predict a user’s likely question answer. Whereas normal surveys are dry and boring, the questions in this app should be fun and have local relevance. For maximum cross-device portability and as performance is not an issue, this app will be developed using HTML5. A service such as OneSignal will be used to schedule and send out push notifications.

**Duties/Activities:** mobile app development, creation of a storage backend using existing solutions, creating an initial collection of questions, creating simple data visualizations to summarize the answer distributions.

**Required Skills:** Some HTML, Javascript, and CSS. Mobile development skills are a plus but not required.

**Learning Opportunities:** Cross-platform mobile development, sending out push notifications

**Expected Team Size:** 2-3

### **Mentors**

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