Design visual representations for mobile polls & surveys

Master thesis/Exjobb
Mobile Services Laboratory / Communication Systems

Task
Mobile polls and surveys offer new and direct ways to reach out and get instantaneous sets of public opinion in a wide range of context, from current political and societal topics to commercial applications. Within this scope, this thesis shall explore methods and solutions for presenting polls and surveys data to different user groups. We are particular interested in exploring how new and different forms of mini-visualizations combined with text could generate and make feeds on mobiles more engaging and provide a glanceable view of recent progress that better fit the mobile use and context.

A master thesis in this area may include the following:
- Find and evaluate previous and ongoing work using feeds and mini-visualizations
- Develop and explore new ways of presents significant correlations across sensors in a mobile widget
- Create a mobile toolkit for presenting feeds and mini-visualizations on mobiles
- Executing a practical study and analyzing its results.

Competence
We are looking for a motivated MSc student who has fulfilled the course requirements for the degree project. Good front-end skills are required, as well as basic knowledge of CMS. In addition, we require experience with some statistic math tools such R and / or SPSS, as well as good spoken and written English.

Application
Applications should include a brief personal statement, CV, and a list of grades. In the application, make sure to mention previous activities or other projects that you consider relevant for the position. Candidates are encouraged to send in their application as soon as possible. Suitable applicants will be interviewed as applications are received.

Start time: As soon as possible
Location: KTH, Kista, Stockholm

Mobile Service Laboratory
The Mobile Service Laboratory at the Department of Communication Systems' overall aim is to foster innovation, education and research in mobile services. The lab is pursuing the study, design, benchmarking, and evaluation of mobile applications and their associated services.

EUth
The aim of EUth project is to get more young people involved in political decision-making and increase their trust in European political institutions. The solution is created within the EUth project: OPIN, an all-in-one proven digital and mobile participation toolbox, ready to be embedded in web presence of youth organisations or administrations.

Contact
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https://www.kth.se/en/ict/forskning/cos/research/mslab
http://www.flashpoll.eu/