SocialPoll - Google TV + YouTube Ratings

Location

Hobart and Sydney

Description

Project Description:

Background:

Google TV is an open platform that brings the web and TV together into an integrated experience. Every day more than 2 billion videos are watched on YouTube. Imagine if you could vote with your fellow audience on any piece of content and see the combined results in real-time?

The aim of this project is to develop a real-time sentiment engine for YouTube and Google TV that will allow viewers to vote collaboratively on content. Using Google technology such as AppEngine, BigTable, Chrome, and the Google TV SDK, you will be developing the next generation of social polling technology. Your app will be delivered to the world through the Chrome and Google TV marketplaces.

Aims:
Semester 1:
Build a real-time polling service using Google App Engine and BigTable for massive scalability.
Develop a Google Chrome plugin for YouTube to allow users to vote while watching content.

Semester 2:
Feature enhance the Google Chrome plugin - list active polls, “hot” topics, votes by region, etc.
(Pending release of Google TV SDK) Migrate the Google Chrome plugin to a Google TV app.

Who is this project for?

Do you want to change something in the world just a little bit? Do you want to make something new that makes people say ‘Wow, that's cool!’? Are you passionate about creating the future of the Web? Do you think you can design a massively scalable distributed data set that can connect to millions of simultaneous users, or, do you have a love for great design and usability?

Proof of concepts
If you’re interested you can examine these proof of concepts which demonstrate some of the functionality and behaviour that would be required for the project.
About Insight4 Labs

Insight4 Labs is a creative and innovative arm of Insight4, Tasmania’s leading software development company and employer of UTas graduates. Insight4 Labs supports early stage innovation in emergent technologies in mobile and web.

Project Technical Information

We are going to use Google App Engine, Big Table, Google Chrome, YouTube API, and Google TV SDK.

Intellectual Property

The team will own 10% of the project’s IP and on the basis of the project’s success team-members may opt-in to receive seed capital funding to create a start-up company at the end of the year.

Contact

Client Name (person who will be student contact): Ian Cumming

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Website (if have one): http://www.insight4.com

Address (where students will visit, not PO Box): Meetings will be held at the Insight4 offices in Hobart (Level 9, 45 Murray St).

Important note: Ian is based in Sydney, mid-semester meetings will be held over skype video-conference at Insight4 (or UTas).