

Your online computer

– Your friends, files and digital life on any device

Xcerion delivers the CloudMe.com consumer service (with over 550 000 users world-wide from 170 countries). The CloudMe online computer (formerly known as iCloud) is the cloud computer for consumers, an online media and file server for streaming and sharing. It enables ubiquitous computing reaching out with connectivity to all kinds of devices.



With the CloudMe ubiquitous Cloud Convergence platform all devices can be connected.

Samsung SmartTV – Thesis Description

The CloudMe service have many different clients; A virtual desktop, iPhone app, Android app, Easy Upload that installs on Windows, Mac and Linux and WebDAV. All these different clients use a set of public web services API's exposed as a Service Oriented Architecture (SOA). These back-end server API's of CloudMe (currently over 100 state-less XML Web Service / REST API's) expose the core functionality of the service to these clients.

The main objective of this thesis is to create a Samsung SmartTV app, which allows you to access the contents of your CloudMe account like photos and music on a Samsung SmartTV. The existing HTML5 and AJAX-based web client of CloudMe should be used as a starting point for adoption to a more TV-friendly user experience following the Samsung TV Application UX Guidelines. Samsung SmartTV apps are in other words built using the same technology, HTML and Javascript, as the current web client of CloudMe.

<http://www.samsungdforum.com/Guide/GuideList>

<https://account.samsung.com/account/check.do>

http://freethetv2011.s3.amazonaws.com/Samsung_TV_Application_SDK_UX_Guideline%5BV1.01%5D.pdf

All documentation will be done in English and applicant must be fluent in English writing. The applicant must be very structured and have previous knowledge of HTML and Javascript programming. Prior knowledge of AJAX, XML and/or XML Web Services is a plus.

This work is suitable for a bachelor or master thesis (depth of work can be adapted).

All work will be done from the Xcerion main office at Drottninggatan 23, Linköping.

Additional Thesis Work

Xcerion might have more thesis work if students are interested.

Contact

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