



BA/SA/Group/Lab:

Offline News Spreading App

Reading physical newspapers is mostly a thing of the past. Nowadays, news are spread digitally, which allows faster access to information and also easy filtering and gathering of information in which a user is interested.

But can you imagine that some people still have to live without Internet access? In Cuba, Internet access is slow and expensive¹ and network outages are common.

Therefore, Cubans have come up with their own ways to share news. For instance, volunteers gather articles and aggregate them on a hard disk drive, which is then passed around and copied. However, with this process, news take one to two weeks to reach everybody.

In this project, we want to develop an Android news spreading application which improves the latency and availability of information. New articles should propagate from device to device via Bluetooth or WiFi to reach everybody who is interested in them. The idea is that people walking around with their devices automatically share their available information with others.

This project is a collaboration with a Cuban research group. Due to this unique setup, you get a chance to directly improve people's lives with your work!

Requirements: Creativity and programming skills are advantageous. The student(s) should be able to work independently on this topic!

Interested? Please contact us for more details!

Contacts

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¹Public hotspots offer Internet access at \$2.25 an hour: <http://www.bbc.com/news/world-latin-america-35865283>