

USER-PRESENCE AWARE SYSTEMS

Project Group:

Ch. Abhishek 2009H112122P

Nitin Jose 2009H112116P

ABSTRACT

This project proposes to build a user presence aware system which will run from your laptop or desktop. It has its inspiration drawn from a certain project conducted under the Project Oxygen at MIT. We propose to use bluetooth as the basis of "knowing" about the user's presence. Bluetooth is a very commonly available technology now, built into your everyday phones and other computing devices. So it would be befitting to explore the possibility of the usage of bluetooth for our purposes. Once the system "knows" about the presence or perhaps the absence of the user it can switch to the respective mode. The first thing to do when a user leaves the system would be to switch to a lock-screen mode, or if the user wishes to a sleep or suspended mode. If in a lock-screen mode the system may notify the user of any new events like an email or a incoming internet call, thus allowing the user to be on the move. Further extension would be to devise a method to use the users distance from a pc or laptop to transfer running applications to the nearest system. Such an extension is meant for environment where the user may have more than one system in his/her home.