Title: Mobile application for real time information on routes of city buses

Synopsis:

This thesis attempts to present modern concepts such as "ubiquitous computing", Internet of Things and their impact on people, society and business. The consequences of the use of intelligent systems in daily life are defined in addition with the new forms of utilization for these techniques in a wide range of activities and the risks posed by Location Based Services. Also an implemented system for distribution of bus location data in real time for the city of Heraklion is introduced, with all the components analyzed in depth.