

is envisioned that such devices will seamlessly keep track of our activities, learn

The integration of these mobile devices in our daily life is rapidly growing. If device dimensions.

incorporate all these features while maintaining similar battery lifespans and rely of sensors, in addition to the basic telephone. Current efforts attempt to offering many other features such as multitasking and the deployment of a variety of smartphones, which are a new generation of mobile phones, are now a very short time, mobile devices will become easily accessible to virtually everywhere reached by 3G/4G near 80% of the world population [3]. This shows that in it has been observed an accelerated growth in the mobile phone market which since the appearance of the first commercial hand-held mobile phones in 1970,

## I Introduction