This folder contains the project work details of :
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Project Title: USER-PRESENCE AWARE SYSTEMS

Requirements:
Implementation Environment: Linux-Ubuntu 9.04 and 10.10
Coding language: Python 2.6
Packages used: Bluez, Pybluez , vlc-plugin-pulse, libavcodecs
Technology chosen:
•   Bluetooth: For user presence awareness, between mobile(carried by user) and laptop
•   LAN or WiFi : For streaming of data
Streaming server: Vlc 0.9.9: Streaming of audio and video done through it.
Streaming client: Vlc 1.1.4

The **code** folder contains:
        1.Code for locking/unlocking system:
         Code: Filename: "lock_unlock_machine.py"
         To run,
            Substitute the corresponding Bluetooth phone or address into the code and run it in the
        terminal as:
        $python lock_unlock.py

        2. The code for streaming of audio or video:
          Folders: streamer, slave
        To run,
            Run the
        $python streamer_stream.py in streaming system
        $python streamer_slave.py in the receiving system.

        The version specific code has been added. Note the version here mentioned is that of the
        Vlc player.

The **Documents** folder contains all the documents that are part of the project
The **results** folder contains the file specifying the results obtained.