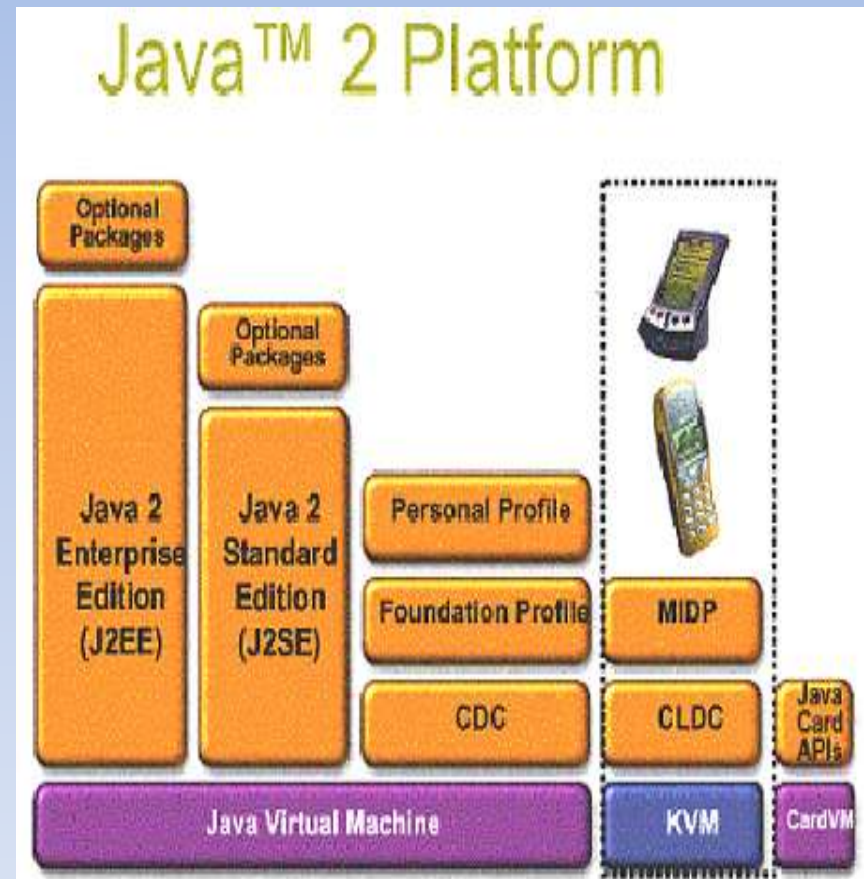28.07.2011

Campus Wi Fi

Objectives

- Service provider for Students .

- Real time alerts & Updates on mobile phones within the campus.

- Chat Facility "Post Request."

- Documents sharing.

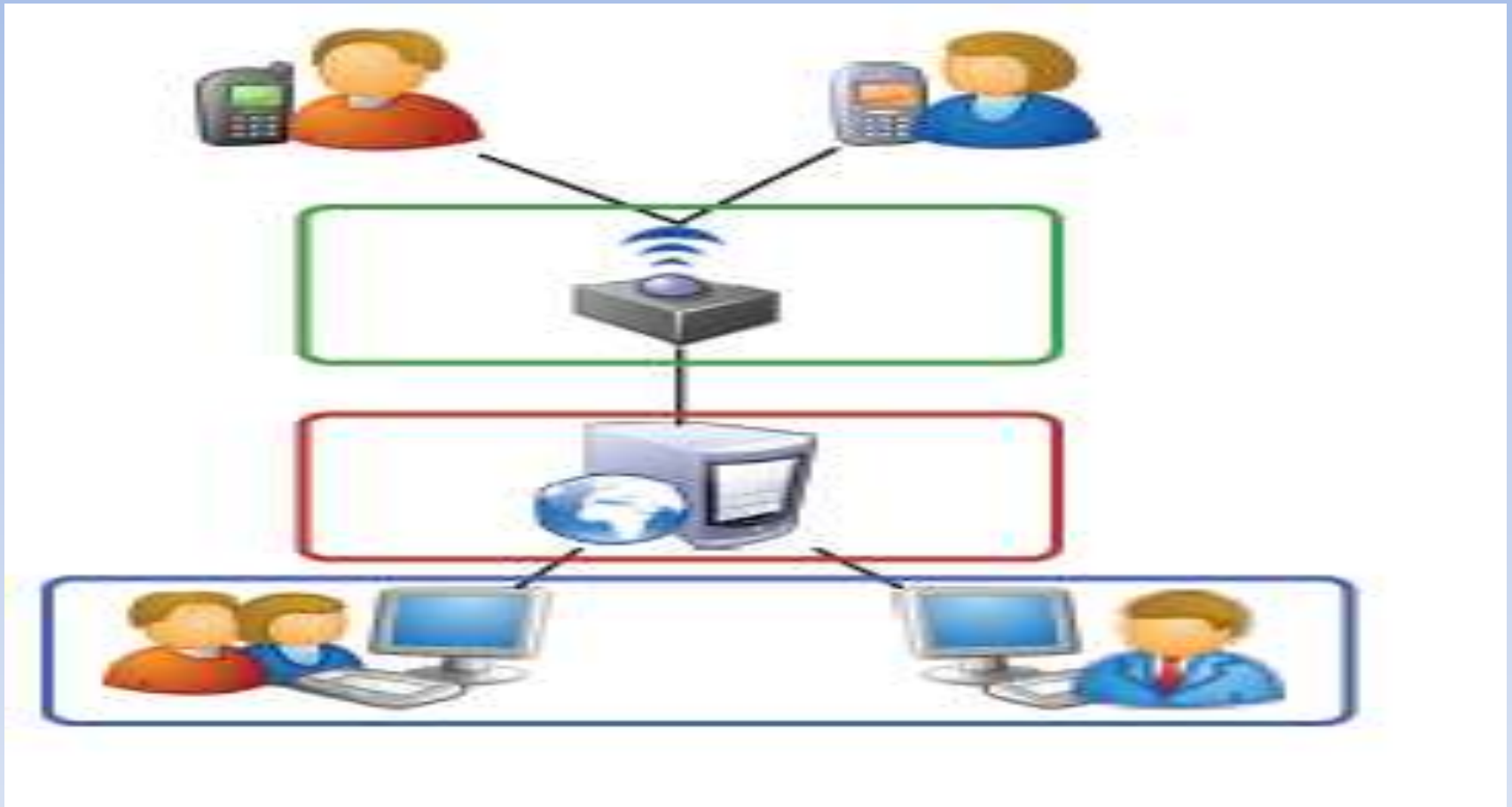# Why Java for Mobile Application

- Cross platform

- Robust

- Secure
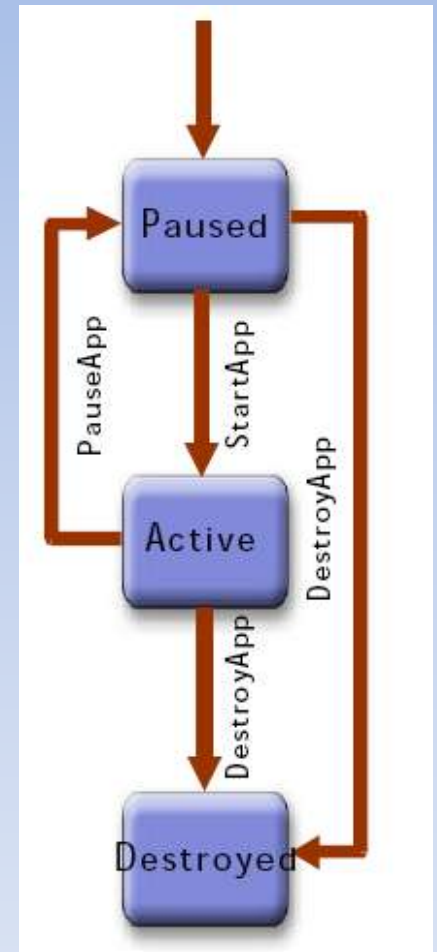
- Object Oriented

Proposed System

- Defined a Semantic Mobile Environment.

- In such an Environment ,so called service nodes are installed at chosen point of interest.

- These service nodes broadcast messages to nearby mobile users Using Wi-Fi technology.

System Architecture

Java ME Midlets

- MIDP application are known as MIDlet

- Midlets are executed by device-specific Application Security Manager (ASM)

- ASM defines security restrictions for each MIDlet

- ASM can interrupt MIDlet

- Midlets move from state to state in the lifecycle

Achievements So Far

Admin Browser

- Establishing Connection between Admin and Mobile User

- Sending Messages From Admin to Student

- Student able to reply from mobile device"Post Request"

Sending Message By Admin

Message Received in Mobile Device

Post Request

Questions

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