Project Report

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ANDROID

Android is a software stack for mobile devices such as mobile telephones and tablet computers developed by Google Inc and the Open Handset Alliance.
ORIGIN OF ANDROID

• Google purchased the initial developer of the software, Android Inc., in 2005. The unveiling of the Android distribution on 5 November 2007 was announced with the founding of the Open Handset Alliance.

• Google released most of the Android code under the Apache License, a free software license. The Android Open Source Project (AOSP) is tasked with the maintenance and further development of Android.
INTRODUCTION

- Android consists of a mobile operating system based on the Linux kernel, with middleware, libraries and APIs written in C.
- Here application software run on an application framework which includes Java-compatible libraries based on Apache Harmony.
- Android uses the Dalvik virtual machine with just-in-time compilation to run compiled Java.
VERSIONS OF ANDROID

- **2.0 (Eclair)** included a new web browser, with a new user interface and support for HTML5 and the W3C Geolocation API. It also included an enhanced camera app with features like digital zoom, flash, color effects, and more.
- **2.1 (Eclair)** included support for voice controls throughout the entire OS. It also included a new launcher, with 5 homescreens instead of 3, animated backgrounds, and a button to open the menu (instead of a slider). It also included a new weather app, and improved functionality.
- **2.2 (Froyo)** introduced speed improvements with JIT optimization and the Chrome V8 JavaScript engine, and added Wi-Fi hotspot tethering and Adobe Flash support.
- **2.3 (Gingerbread)** refined the user interface, improved the soft keyboard and copy/paste features, and added support for Near Field Communication.
- **3.0 (Honeycomb)** was a tablet-oriented release and introduces new user interface features, and supports multicore processors and hardware acceleration for graphics.
- **3.1 (Honeycomb)** was announced at the 2011 Google I/O on 10 May 2011.
- **3.2 (Honeycomb)** is "an incremental release that adds several new capabilities ". Highlights include optimization for a broader range of screen sizes; new "zoom-to-fill" screen compatibility mode.
FEATURES OF ANDROID

• Handset layouts
• Storage
• Connectivity
• Messaging
• Multiple language support
• Web browser
• Java support
• Media support
• Streaming media support
• Additional hardware support
• Multi-touch
• Bluetooth
• Video calling
• Multitasking
• Voice based features
• Tethering
CALLMANAGERPLUS

We have made a call manager whose function is to handle incoming calls and provide various applications like

- Recording
- Call Cheater
- Call Blacklist
SCREENSHOTS
986-816-0688

Press Menu for call options.
Call ended

986-816-0688