Introduction

Despite the rapid development of Android apps, the apps developed in the Android platform lag behind the demand for apps. For schedule apps, the digital schedules available in the Android Market cannot fulfill girl’s needs. To address this need a digital schedule with user-friendly functions and an attractive interface will be developed in this final year project using the open source Android Operating System (OS).

Objective

• Generate a girl-orientated Android digital schedule
  – Attractive layout
  – Period counter
  – Anniversary counter
  – GPS function for marking location
  – Voice Memo
  – Synchronization to Google calendar
  – Password protection

Methodology

Knowledge Needed to Execute the Project

• Eclipse with JDK (Java Development Kit) and SDK (Software Development Kit)
• DroidDraw
• Photoshop CS4

Design Phase

• Architectural plan
  A structural skeleton of each app screen and flow from screen to screen were created for mapping the technical requirements.
• Graphical user interface (GUI)
  The interface allows users to interact with the Android device with images rather than text. The attractive and clear interfaces are designed to be the first impression for users.
• Algorithm design
  This is the way to solve problems in an analytic way. The algorithm can be presented graphically by a flowchart. It is important for us to have a clear picture of the programming.

Results

Schedule

Period Counter

Anniversary

Setting