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**EasyNotes Note Pad SRS Document**

1. **Introduction**
   1. **Purpose:** This document will specify the functional and non-functional details of the EasyNotes app. It will also describe the in-scope, as well as the out-of-scope features to be designed and implemented.
   2. **Scope:** EasyNotes will be a simple, intuitive application that allows users to save, view, edit, and delete notes. The purpose of the application is to give users a simple way to remember things they would otherwise forget. Simplicy and reliability are key to the applications success.
   3. **Definitions:** 
      1. NFC – Near Field Communication.
      2. WiFi - Wireless local area network.
   4. **Overview:** The rest of this document will brief you on requirements, design, and features to be implemented in the EasyNotes application.
2. **Description**
   1. **Perspective:** EasyNotes will be developed for the android marketplace and will require a phone or tablet running on android.
   2. **Features:** EasyNotes will be built using a ViewPager. A ViewPager is a built in framework that allows user to swipe the screen of their device to change screens rather than press a button. Upon starting the application the user will be able to enter the title, text, date and time of the note. They can then click save to save the note. Users will then be able to swipe to the left to expose a list of all of their saved notes. From the list screen users can select a note to edit it or long select it to delete it.
   3. **Users:** EasyNotes will be extremely easy to use and targeted towards anyone who owns an android device. Navigation will be intuitive and easy to understand. There will be minimal buttons; each one will be labeled to reduce complexity.
   4. **Constraints:** There are no apparent constraints that will inhibit the development of the EasyNotes application.
   5. **Assumptions/Dependencies:** Development is dependent on access to the Android OS SDK, the Eclipse IDE, and a functional internet connection. Without any of these dependencies development may be delayed or halted entirely
   6. **Out-of-scope features:** Due to time constraints many desirable features are not in scope for this version. These features include: an alarm to be associated with each note, the ability to transfer notes to another device with EasyNotes installed via NFC, WiFi, or wireless data connection and the ability to attach files to each note for transfer.
3. **Requirements**
   1. **External:** For the scope of this version of the software there will only be text/touch inputs from the user. There will be visual output displaying each note but there will be no audio or external output.
   2. **Functional:** 
      1. The software will record the text typed by the user to be saved as a note.
      2. The software will recognize button clicks to save, delete and edit notes.
      3. The software will save the state of the application when it is closed or shutdown.
   3. **Performance:** EasyNotes will be developed and tested on android OS SDK version 15 and above. Any version below 15 will not be guaranteed to function properly. IF errors do arise I will do my best to fix them in a timely fashion.
   4. **Design constraints:** The primary limitation for the development of this version will be time. With only five short sprints the amount of code to be written will be limited. The design will also be limited by the size of android phone screens.