

Senior Project Proposal

1. Project title: Note taking app for Android tablets

2. My profile:

I have experience from previous classes in documentation and designing projects. I also have experience in Java and developing android applications. I have enjoyed working with Android applications and I would like to further my knowledge.

3. Proposed project description:

a. Goal: To create an application for android tablets that allows users to type, draw, and be creative in taking notes. The user will be able to create PDF notes that they can type, draw, write, and add pictures in a fast and convenient way. The notes could then be saved to the app in custom folders and be exported out for the user to use freely. The purpose of this app is to make note taking in class easy and efficient and to provide an alternative from carrying around a notebook.

b. Services:

1. Typing– The app will allow you to type up notes with a keyboard. When typing the user will have features such as copy/paste and spell checking. Android has APIs for these features.
2. Drawing/Writing – I would like the user to be able to write and draw freely on the screen. I am hoping to find a decent API to implement this feature.
3. PDF – The notes the user would create would be PDFs and could be saved to the tablet outside and inside the app. The user would be able to export them via a cloud service, email, or printing them. I am hoping to find some APIs to help with this feature.
4. Organization – The user will be able to create folders to organize their notes.
5. Taking pictures – The user would be able to access the tablet's camera and take pictures on the spot to insert into the notes. This feature would be minimal to allow the user to quickly add and crop pictures. Android has APIs for this feature.

c. Programming: For this project, I will be using Eclipse and developing the application in Java. I plan to use as many API's and android libraries to implement most of the features as possible. This project will require a lot of programming to integrate all the features and the design together.

d. Customers: The target customer for this application would be college students. Other customers could potentially be business workers.