

# getNote Android® Application

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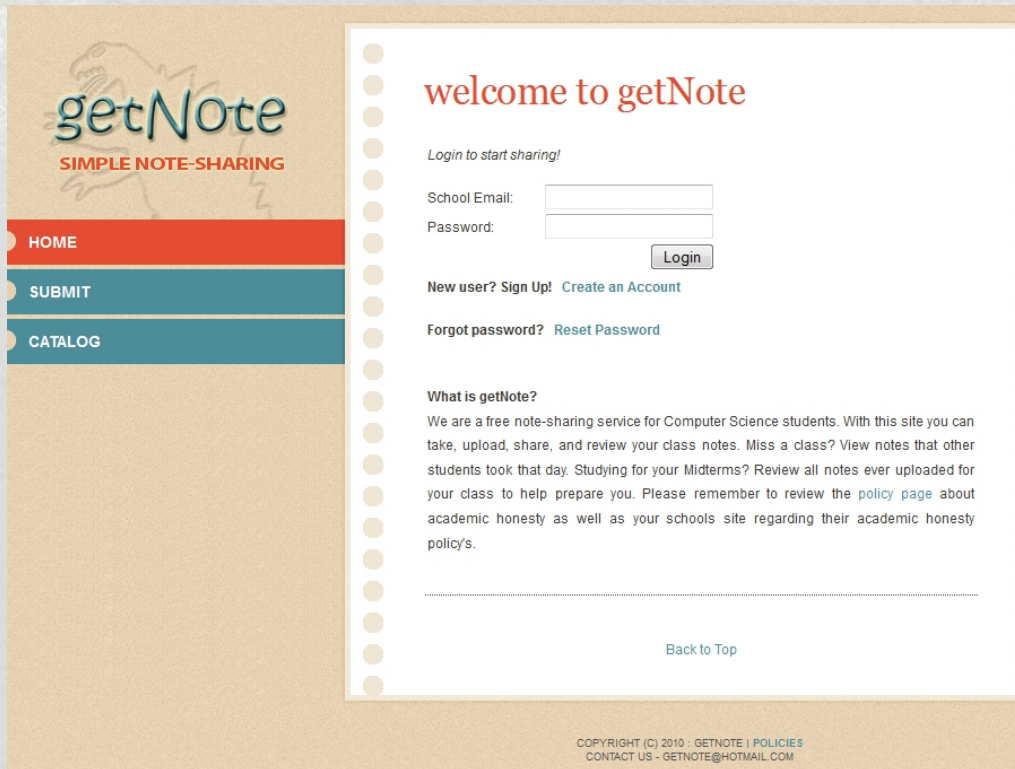
The logo for the getNote application, featuring the word "getNote" in a stylized, blue, 3D font with a yellow outline. The background of the logo area includes a faint, light green Android robot icon and a faint, light blue outline of a person's head and shoulders.

**SIMPLE NOTE-SHARING**



<http://www.getnote.org>

# Motivation | Background



## Special Thanks.

To the original noteZilla team:  
Mike Wood, Jimmy Weir, and  
Kevin Kane, as the backend  
Website <http://www.getnote.org>  
was started as a group project  
in our Web Development  
(CINS 465) class. The full  
documentation for our project  
can be viewed here:

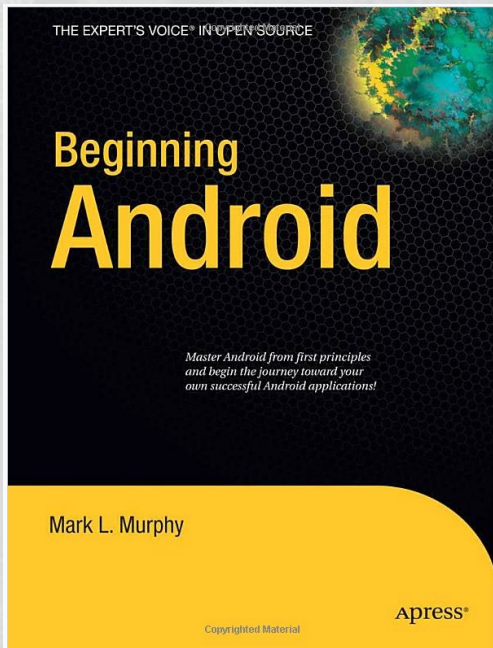
[mattben.info/csci465/Milestone7.pdf](http://mattben.info/csci465/Milestone7.pdf)

<http://www.getnote.org>



# Related Things

## Research | Products



### Research

Android®

Java®

JSON

HTTP

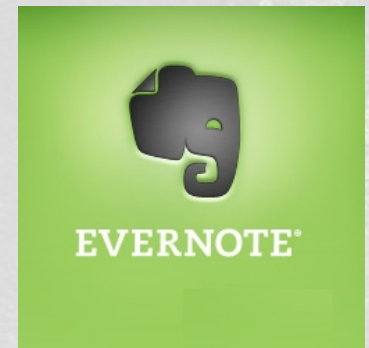
Web Service

### Similar Products

Microsoft® OneNote®

EverNote®

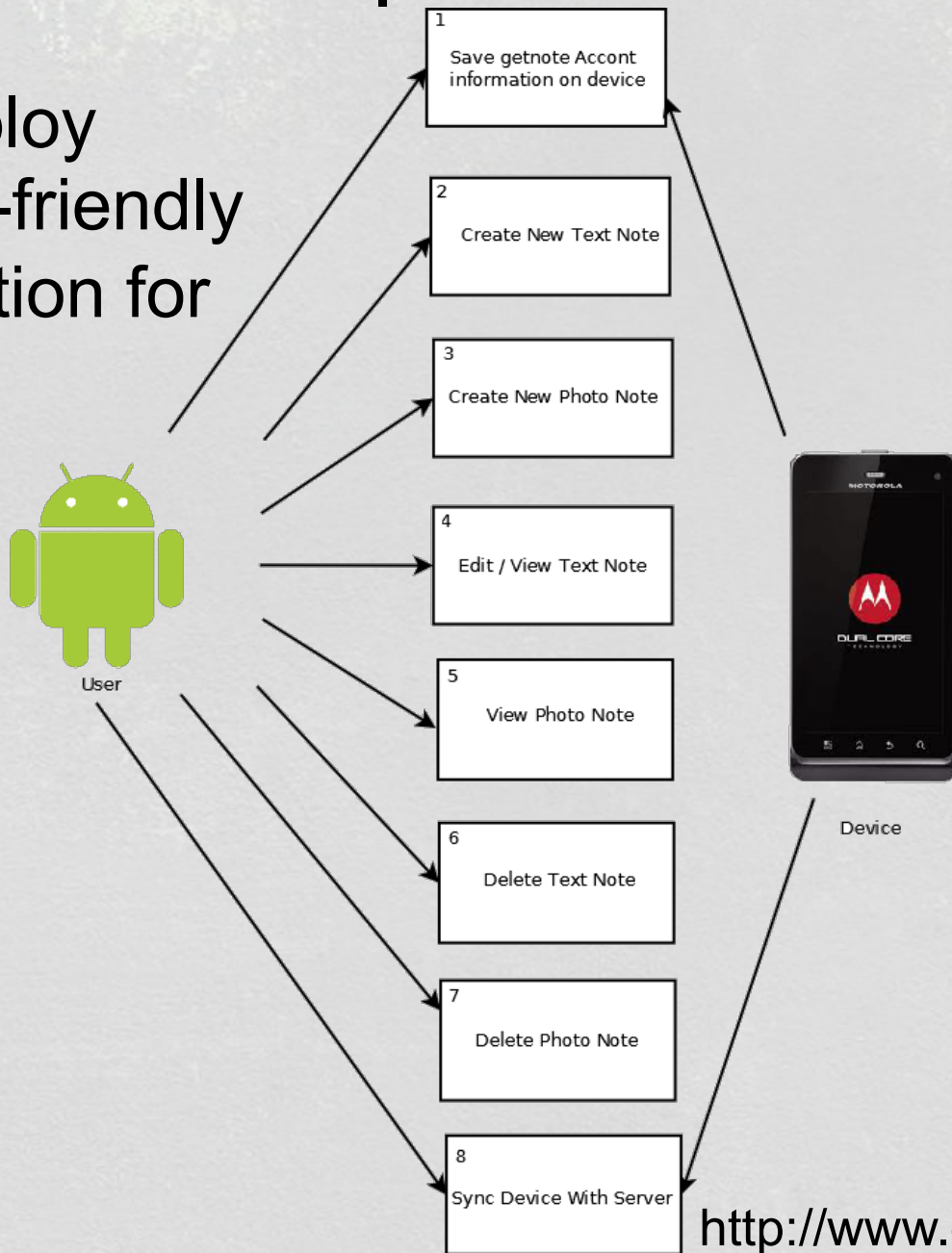
Google Docs®



# Requirements | Features

**Goal:** My goal is to deploy an effective, user-friendly Android® application for note sharing.

**Users:** CSU Chico  
CSCI Students



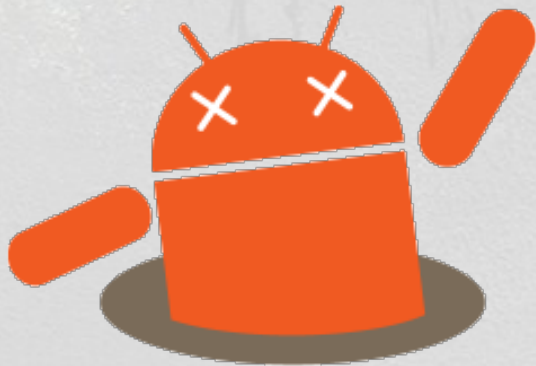
<http://www.getnote.org>



# Design Issues | Decisions | Choices

## Significant challenges or obstacles

- Teaching myself the Android® SDK
- Learning how web requests work
- Interaction between device, server though HTTP and passing JSON strings.



## Choices I made and reasoning

- File name holds all note information.

## Limitations posed by my approach

- Users will only come from CSU Chico
- Backend has modified date of saved notes as a date not a date time stamp

# Methods

## Framework

- Android® SDK

Android® SDK

## General Deployment Plan

- Rapid Development

JSON

HTTP request

## General Test Plan

- Self & Users



Java®

PHP®

## Development Platform

- Eclipse | notepad++

MySQL®, SQLite®

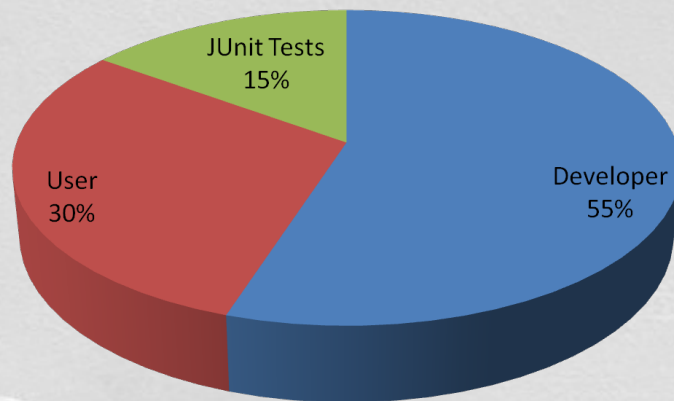
## Development Phases

- Iterations (4)



# Testing | Test Plan

- I downloaded and researched automated testing with the JUnit framework from <http://www.junit.org>
- This should have been implemented first.
- The app is available for download from the homepage, I wrote a form for user feedback which was very helpful.



The screenshot shows a web browser window with the URL <http://www.getnote.org/feedback.php>. The page contains a feedback form with fields for 'Issue', 'Screen', 'Version', 'Device', and 'Feedback'. Below the form is a table with the following columns: Date, User, Device, Version, Issue, Screen, Feedback, and Resolved. The table lists various user reports and their resolutions.

Date	User	Device	Version	Issue	Screen	Feedback	Resolved
10/16/11	mhamis23	Droid 3	Android 2.3.4	other	other	Please give full detail. Thanks for your feedback. -mattben	12/05/11
10/17/11	chansen22	Galaxy S Captivate	Cyanogen mod 7.1.0	suggestion	account information	The account page should have a password confirmation field	10/17/11
10/17/11	jmartinez	Droid 2	Android 2.2.2	force close	gallery widget	I have no photos, when I click back from the gallery widget it saves a blank note and then force closed	10/17/11
10/17/11	jzappia	Galaxy Indulge	Android 2.2.1	suggestion	account information	The account login screen should allow scrolling up and down. When I click in a box, my on-screen keyboard takes up half the screen, so to get to the next box I have to press my back button	10/20/11
10/17/11	jmartinez	Droid 2	Android 2.2.2	force close	account information	I enter my username and password and press submit and then the app force closed	10/17/11
10/18/11	dschaller1	Droid 3	2.3.4	force close	camera widget	If the first note taken is a photo note from the camera, getnote will force close upon returning from the camera. This was the only combination of note taking to make the application crash.	10/20/11
10/28/11	mhamis23	epad	Android 2.1	unexpected result	account information	an account name should only be required to sync not to use the app	11/25/11
11/26/11	chansen22	Galaxy S Captivate	Cyanogen Mod 7.1.0	crash	home	The app crashes when starting	12/05/11
12/04/11	chansen22	Galaxy S Captivate	Cyanogen Mod 7.1.0	no longer crashes	home	This new version fixed the crashing error	12/5/11
12/05/11	jweir1	HTC EvoShift 4G	1.06	user experience	other	Scrolling does not work when my device is in landscape mode.	
12/05/11	jweir1	Samsung Galaxy Tab 10.1	1.06	force close	home	For closes on launch.	
12/05/11	mhamis23	Droid 3	Android 2.3.4	unexpected result	account information	When I sync from my account it is pulling crap files for non txt files	12/05/11

Thank you:

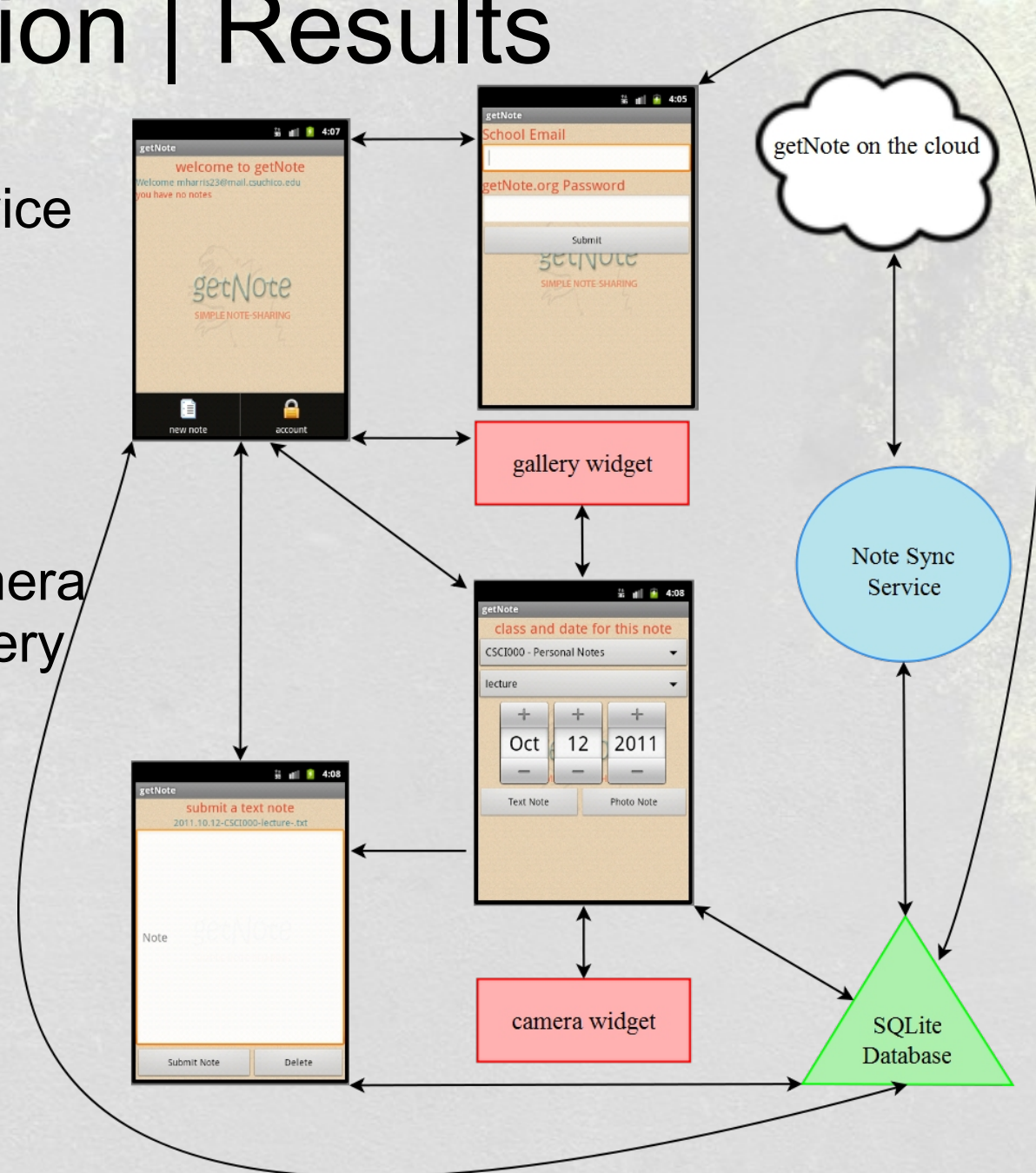
To all the student testers! I would not have found half of the bugs or errors with out you.

<http://www.getnote.org>

# Creation | Results

## To Done List

- ✓ Save getnote account on device
- ✓ Create new text note
- ✓ Edit text note
- ✓ View text note
- ✓ Delete text note
- ✓ Sync text notes with server
- ✓ Create new photo note | Camera
- ✓ Create new photo note | Gallery
- ✓ View photo note
- ✓ Delete photo note





# Analysis | Summary | Future Work

## To Do List

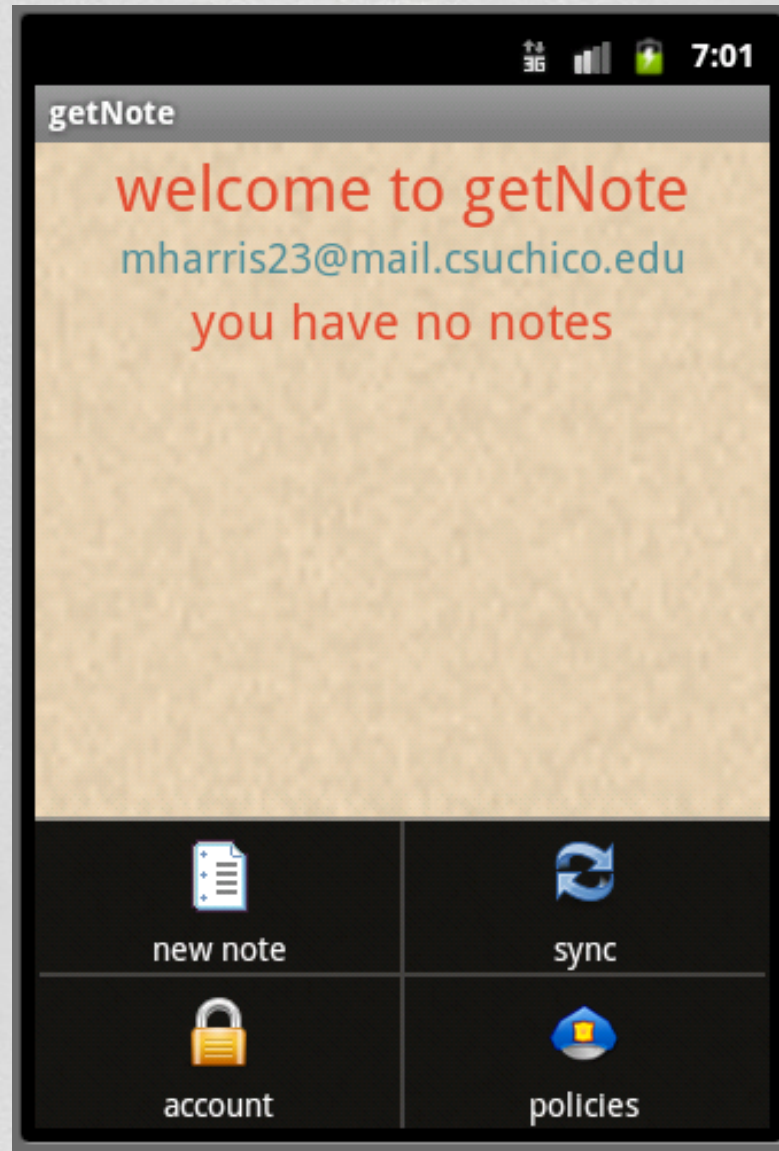
- Testing for/on other devices
- Hash note titles for quicker look ups
- Have course list update from server
- Add more classes | majors
- Add major related symbols for text notes
- Change back end to allow for date time stamps for last modified time on notes
- More device checking – internet? Camera? ...
- More syncing – pdf...



iPhone® app needed next.  
More users needed.



# DEMO





# Questions?



# Citations

Android is a registered trademark of Google Inc.

Java copyright 2011 Oracle Corporation

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EverNote is copyrighted 2011 Evernote Corporation

Google Docs is copyrighted 2011 Google Inc

iPhone is a registered trademark of Apple Inc

