Desire 2 Learn

Android Application
Developed for

RU
RADFORD
UNIVERSITY.

USER MANUAL

Developed By: *Prestige Software*

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1.0 General Information

System Overview

The D2L mobile application was developed to give Radford University students a new medium in which to access the Desire 2 Learn course management system using mobile phones running an Android operating system. The application provides access the most commonly used utilities within D2L for each of the students' currently enrolled courses. These utilities are Classlist, Content, Dropbox and Grades.

Note to User

This application was developed in the Fall semester of 2011 by the *Prestige Software* team at Radford University. The current build of the D2L application is still under development. It has a fully functioning interface however the *Prestige Software* team has requested but not received an API key to allow the application to obtain real data. For this reason the application was preloaded with sample data.

Project References

- D2L Mobile Website (https://learn.radford.edu/d2l/m/home)

- D2L Desktop Web Application (https://learn.radford.edu)

- Microsoft Word 2010/2011

- Titanium Appcelerator

- Dr. Tracy Lewis

Acronyms and Definitions

- D2L – Desire to Learn

- RU – Radford University

- The Team – Prestige Software

  o Mike Frascoia, Sarah Heredia, Charlie Wallace, Sam Wright

- Appcelerator – A platform for developing mobile, tablet and desktop applications using web technologies.

- API – Application Programming Interface

  o A particular set of rules ('code') and specifications that software programs can follow to communicate with each other.

  (http://en.wikipedia.org/wiki/Application_programming_interface)

Points of Contact

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2.0 Getting Started…

System Requirements

- Mobile Device with Internet Connectivity
- Operating System: Android 2.1 and above
- Memory Required for Installation: 10MB
- Radford University D2L Username and Password
- Email Client
    - Only necessary if utilizing the application features that require email functionality.

Download Instructions

- Open Internet Browser on Mobile Device
- Type URL in address bar: https://php.radford.edu/~softeng15/download
    - NOTE: If security warning popup displays, click Continue.
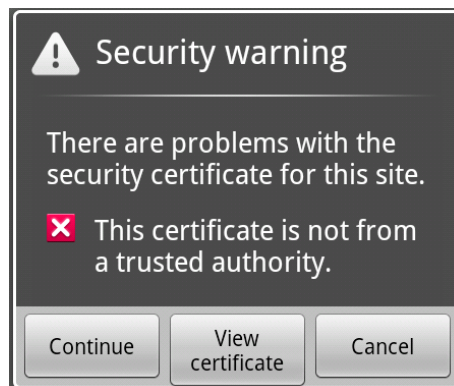
- NOTE: This application is not yet available from the Android Market.

🎩 Scroll down until <u>Android D2L for Radford Application</u> hyperlink is visible.
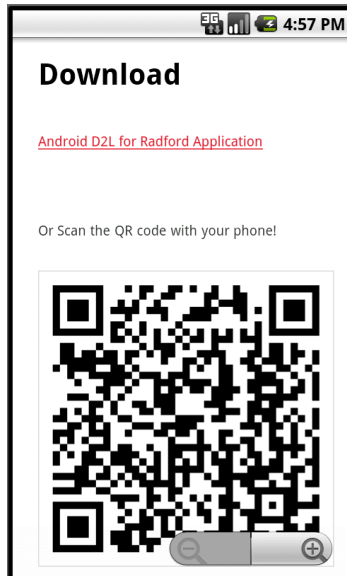
🎩 Click on hyperlink to download application.
🎩 Double click on edu.radford.learn.android.apk in Download History.
   o NOTE: This step may vary slightly depending on operating system version.
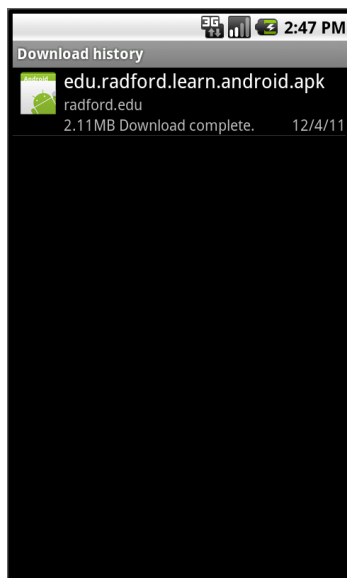
🎩 When page displays asking "Do you want to install this application?", click Install.
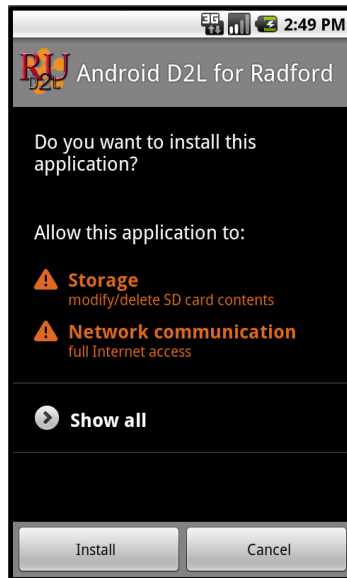
🎩 Click Continue when prompted that application restart is required.

🎩 Application installation is complete!

3.0 Application Features

Classlist

The Classlist utility displays a list of students enrolled in the selected course as well at the professor(s) instructing the course. This application also allows the user to click on a student or professors name within the list. When the name is clicked, the default email client will open and begin a new email to the selected student/professor.
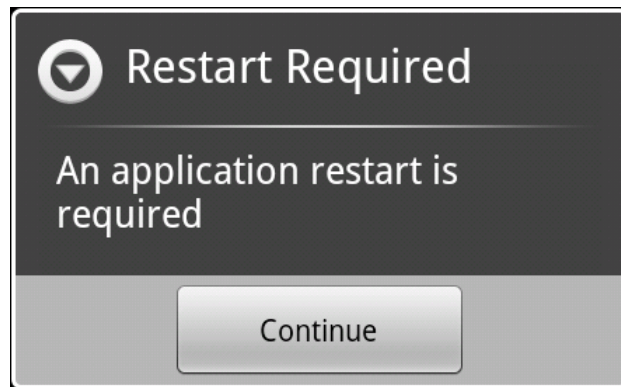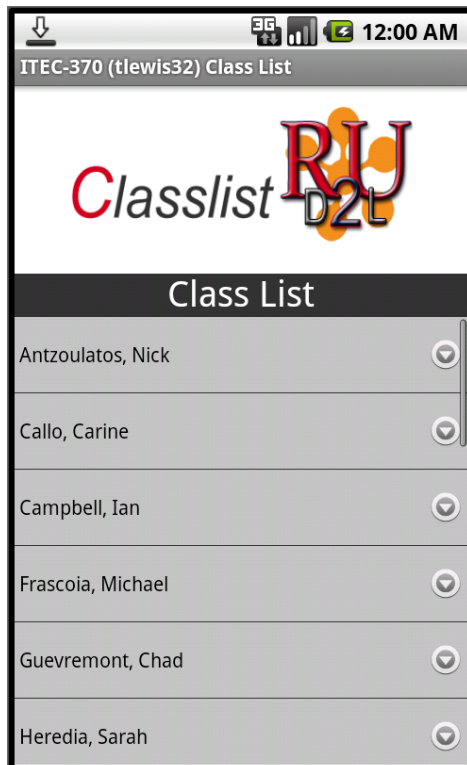

Content

The Content utility gives the user the ability to download and display files that have been uploaded to the D2L system by the course instructor. The display method with vary based on the mobile devices settings.
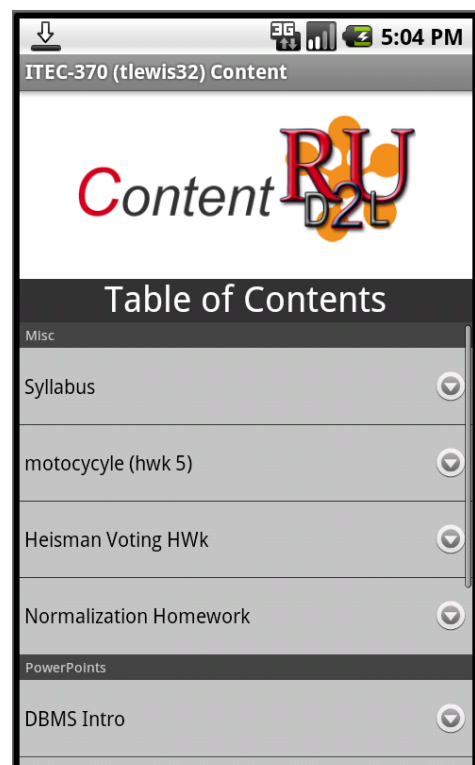
Dropbox

The Dropbox utility displays all user course assignments with due dates. It also allows for downloading and viewing files associated with the selected assignment.

Grades

The Grades utility displays all available course grades and comments related to the assignment.
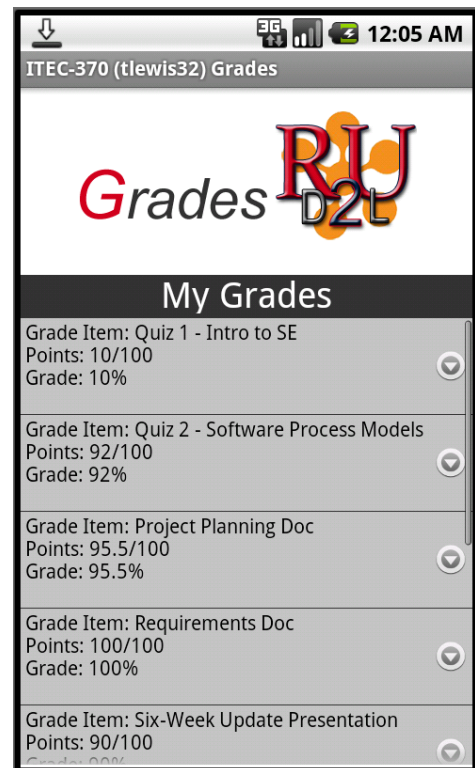
4.0 Navigating the System

Opening the Application
- From mobile device, click the D2L Application Icon.

Logging On
- Type in username and password into corresponding text fields.
- Click Login.

Forgot Password
o Click Forgot Password button on login screen.
  ▪ Will be redirected to a Radford University help page.
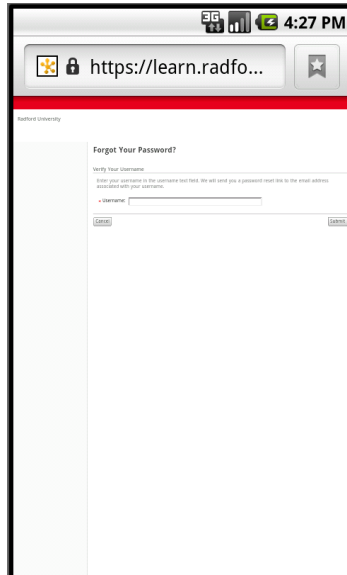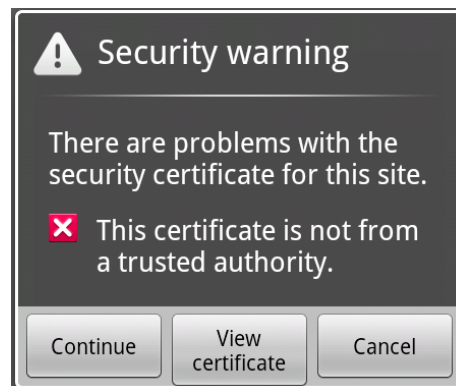

  ▪ Follow instructions on webpage.
  ▪ Click Continue if security warning displays.

Choosing a Course

o After logging in, the users enrolled courses will display in a scrollable window.
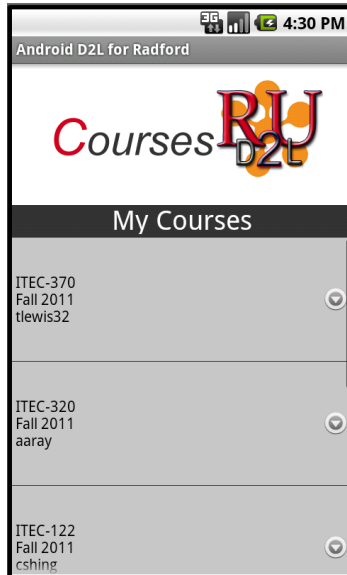
o Click on desired course from the Course List to display Course Utilities.

Using the Classlist Utility
- From selected course, click the Classlist utility icon.

- To email another student/professor, click on their name.
  - NOTE: The email will be sent from the default email client of the mobile device.

Using the Content Utility
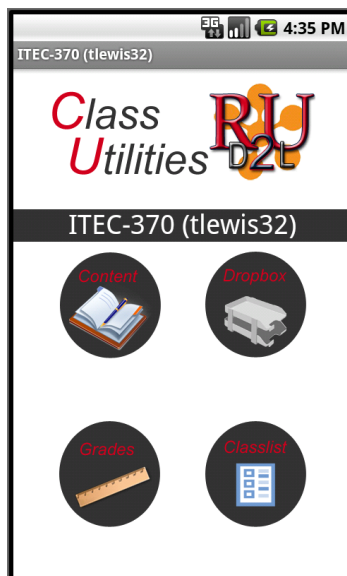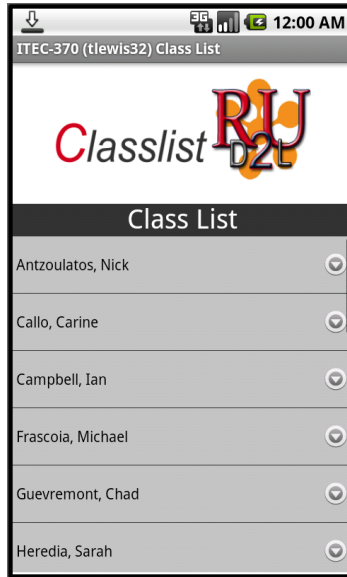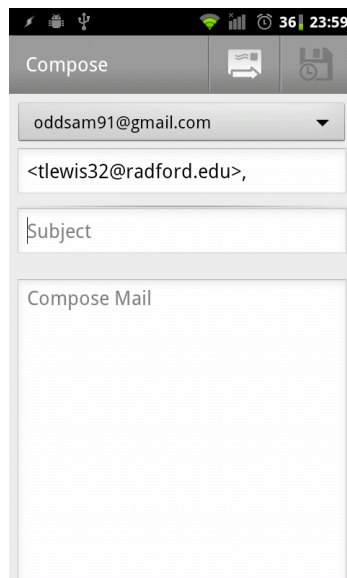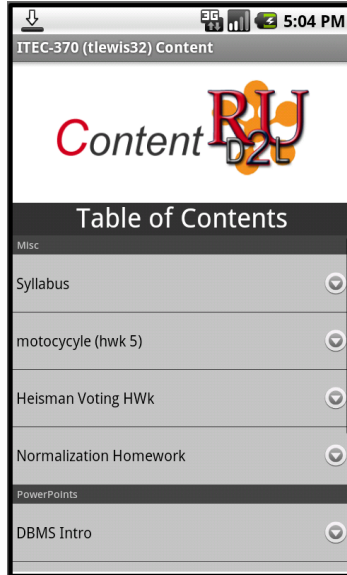
- From selected course, click the Content utility icon.
- Click the desired file to be displayed from the list of course contents.

- Click Yes when the Confirm file download prompt appears.
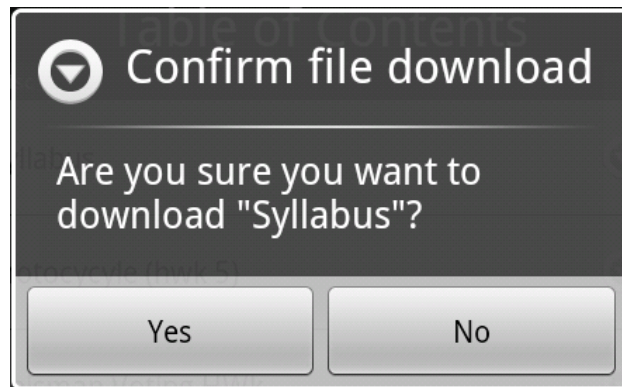
- If a Security warning pops up, click Continue.
- After the file downloads, double click the file from within the Download History list to display file.
  - NOTE: This step may vary slightly depending on operating system version.
  - NOTE: File display method may vary due to various mobile device settings.

Using the Dropbox Utility

o From selected course, click the Dropbox utility icon.

o To see more details and attachments related to an assignment, click on the assignment in the Dropbox List.
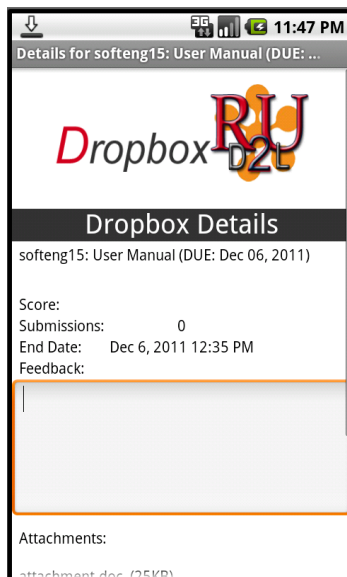
o To upload a file from the Dropbox Details Page, click the Open an Attachment button at the bottom of the page.
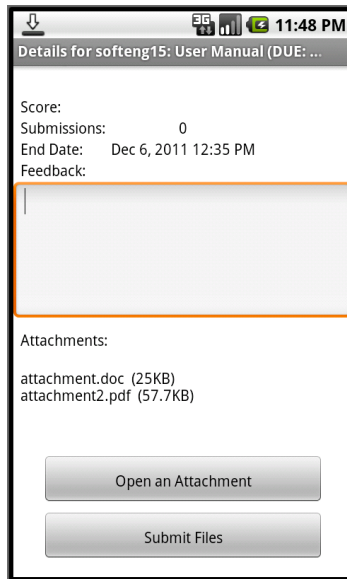
o Click on desired attachment name to download and display file.
  ▪ NOTE: If security warning popup displays, click Continue.
  ▪ NOTE: File display method may vary due to various mobile device settings.

Using the Grades Utility

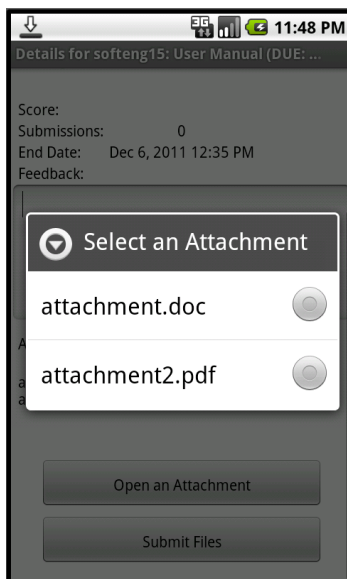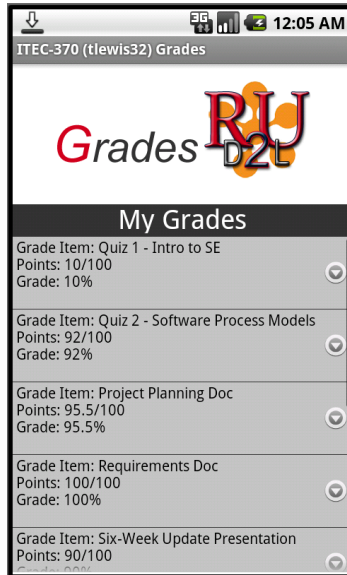- o From selected course, click the Grades utility icon.
- o All course grades are displayed in a scrollable list.

- o To see comments, click on the corresponding grade in the list.
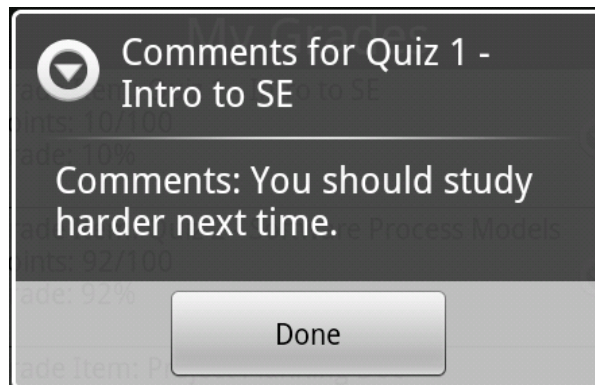
Logging Off

- o For security purposes, this application does not save login information. Once the application is exited, the user will be logged off of the D2L system automatically and will have to reenter login information upon reopening the application.

5.0 *Frequently Asked Questions*

- QUESTION: How do I go back to a page I was just on?
  - o ANSWER: Use the BACK button on your mobile device.

- QUESTION: Why does my display look different when I use the application on my tablet?
  - o ANSWER: This application was designed primarily to be used on mobile phones however it is functional within a tablet device as well. On a tablet, you will see some extra space between components within the application. This is necessary so that the application would scale appropriately to accommodate different screen sizes.

- QUESTION: I downloaded a file but it didn't open and I can't find it. Where did it go?
  - o ANSWER: Due to mobile devices being set up differently, your file may or may not display after being downloaded. If you do not see your document, navigate to the download history or notifications area of your phone. If it is not there, try downloading the file again.

- QUESTION: Why did I get an error when I tried to download a file?
  - o ANSWER: More than likely, your mobile device is not capable of displaying the file type selected. You will have to access this file on your computer instead.

- QUESTION: How do I request additional features to be added to this application?
  - ANSWER: Send an email to Dr. Tracy Lewis.
    - tlewis@radford.edu

- QUESTION: What if the application is consistently malfunctioning, whom do I contact?
  - ANSWER: Start out with Dr. Tracy Lewis. She can point you in the right direction.
    - tlewis@radford.edu

6.0 Future Enhancements

- Uploading files within Dropbox.
    - Uploading files from cloud storage providers (i.e. Dropbox, Amazon Cloud Drive, iCloud, etc.)
- Downloading files that have been submitted to Dropbox.
- Chat Utility
- Grade statistics
- Mobile Calendar sync with Dropbox due dates
- Notifications:
    - Approaching assignment due date.
    - Grade Postings
    - New Assignment Posting in Dropbox
- Navigational Menu
- Instructor Utilities