

Evaluation Criteria

The evaluation plan for each student who takes the course will consist of the following components:

1. Labs - 50%

- a. Meeting minimum deliverable (Works)
- b. Code Quality
 - i. Readable code
 - ii. Following Android Guidelines
- c. Work Distribution

2. Projects - 50%

- a. Work Distribution - 10%
- b. User Oriented Design Process - 30%
 - i. Idea
 - 1. Idea Exploration
 - 2. User Interviews
 - 3. Idea Narrowing
 - ii. UI Design
 - 1. Reasons for specific UI backed by evidence
- c. Code - 30%
 - i. Functionality
 - 1. Does what was proposed to do
 - ii. Code Quality
 - 1. Readable code
 - 2. Battery, Storage, Memory usage
- d. Presentation - 30%
 - i. Presentation time
 - ii. Marketing value
 - 1. Scalability
 - 2. Targeted Audience
 - 3. Incentive to Download

Syllabus

Week 0	9/3/2015	Labs	Lab 0	
Week 1	9/7/2015		Lab 1	Individual Lab
Week 2	9/14/2015			
Week 3	9/21/2015	Lab 1 Due	Lab 2	Individual Lab
Week 4	9/22/2015			
Week 5	10/5/2015			

Week 6	10/12/2015	Lab 2 Due	Lab 3	Groups of 2-3
Week 7	10/19/2015			
Week 8	10/26/2015			
Week 9	11/2/2015	Lab 3 Due	Start Final	Groups of 3 or 4
Week 10	11/9/2015			
Week 11	11/16/2015			
Week 12	11/23/2015	Thanksgiving		
Week 13	11/30/2015			
Week 14	12/7/2015			
Finals	12/14/2015			

Lab Guidelines:

Lab 0:

Android Studio Guide

Set up Android Studio “Hello World App”

Lab 1: 1 Week

Notes App - See Github repo

Lab 2: One partner

Working with web apis

Lab 3: One or Two partners

Interfacing with device hardware