

## CS 670 – iOS Programming Fall '13 - Final Project Submission

Name: zhaoheng yang  
Name of Project: Burn Calorie

Graduate

Brief Description of Project (what it does, what problem it solves, etc.):

The user can use this app when they are running in the gym. This app will show how much distance he has run, how much calorie he has burned and his current speed. The user can also use this app when they take a walk outside. This app will show how many steps he already took and how much calorie he has burned. The app will accumulate calorie burn for each day and show them as a line graph. In this way, the user can track his work-out output. The last thing is user can use it play music while they are doing exercise.

Note anything important we should notice during the presentation:

### Check the Minimum Requirements met

Minimum of 8 different scenes	check
Persistent Storage (Files or Database)	check(core data)
Navigation Elements (Nav Bar and/or Tab Bar)	check
Interaction with Web (Web Service or Safari)	check(twitter)
Two Different Multi touch Gestures	check(pinch, rotate)
Able to respond to Orientation changes	check(layout constrains)
Use of Alert Views and/or Action Sheets	check

### Check which Additional Requirements were met

Use of Tilt and Rotation	check(core motion) ✓
Use of iCloud for storage	
Use of a Split View	
Use of Rich Media (Audio or Video)	check(music picker, player) ✓
Interaction with other applications (Mail, Facebook, Twitter)	check(twitter) ✓
Expand to up to four different gestures	check(pinch, rotate, pan, swipe) ✓
Use of Core Location Services (GPS)	
Creation of Universal (iPhone and iPad) apps	
Use of Speech Recognition	
Use of Speech Synthesizing	

Use of iCal or other Calendar technology	OTHER (list below)
check (core plot)	

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6:21

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## Grading

Creativity	15 /	15 points
Applicable to problem it is solving	14 /	15 points
No Errors or valid error handling	10 /	10 points
User Experience (UI / App Flow / Colors)	28 /	30 points
<u>Application of all requirements</u>	<u>30 /</u>	<u>30 points</u>
Final Grade	97 /	100 points

## General Penalties

Over time limit	< 1 min (-3)	1-2 mins (-6)	2-3 mins (-12)	3+ mins (-24)
Unprofessionalism (-4)		Reading from slides (-4)	Missing Requirement Sheet (-10)	

## General Comments

+ Good creative use of Core Motion for steps

- Could have used more contrast with the steps - time elapsed

+ Good use of charting framework

+ Excellent job choosing Core Motion over GPS

+ Liked the background audio playing!

Very Creative App and good use of charting to detect patterns of footsteps. Excellent job.