



CMPE-297 - Special Topics

HW 8 - iOSFitnessApp(CoreMotion)

Submitted To

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Date of Submission

14th Oct 2017

Submitted By

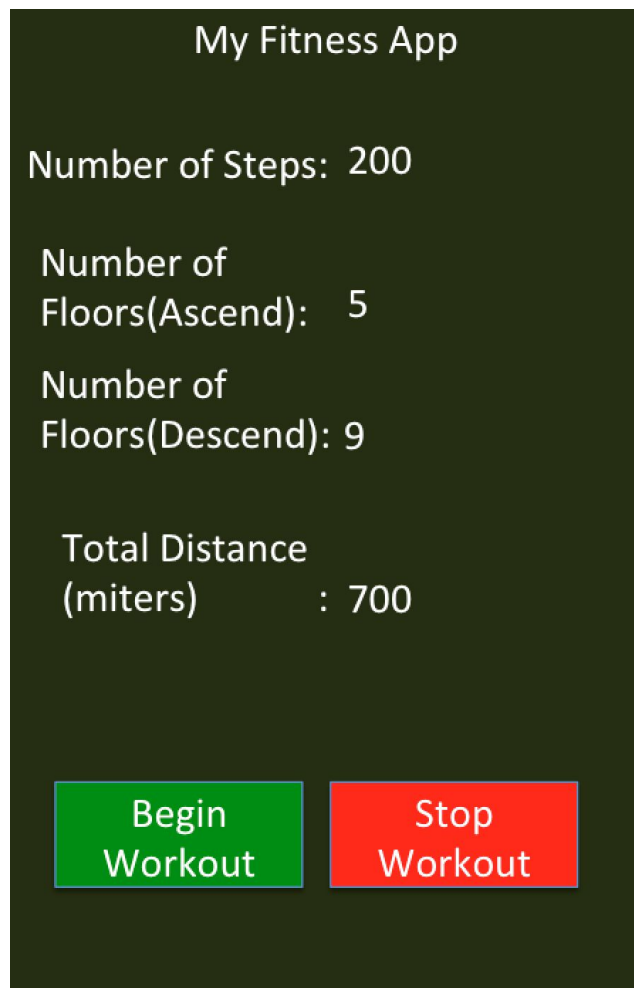
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Learning Objective:

Learning Objective: Use iOS Core Motion Framework & CMPedometerData to compute number of steps taken, distance, current pace, number of floors ascended and number of floors descended by walking.

Application Flow: Start Core Motion by clicking "Begin Workout". Perform walk activity and stop the sensors by clicking "End Workout".



GitHub:

https://github.com/stephen-sh-chen/CMPE297/tree/master/HW8_iOS_Fitness_App

Main function

Once the app install on a real iPhone instead installing on a simulator, user can press the button “Workout” to start the step counting. The total steps and distance will update on the screen. Once the workout is finished, just press the button “Stop” to end the motion sensing function.

