Android Sensing Project

Project Option 1: Bluetooth device survey

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line 2-name of organization, acronyms acceptable

line 3-City, Country

line 4-e-mail address if desired

*Abstract*—This report details Android Mobile applications developed to …………… The applications have been developed using………. The data measured/uploaded from the application…….

Keywords—keywords;separated;by;semicolons;such;as;mobile applications;mobile sensing; backends as a service;

# Introduction

This report details the background and development of an Android application which …….. Additionally, an application which performs basic sensing and graphical interaction functions have been developed.

Android is…… (details on what you learned about Android and Android development)

Mobile applications often require server backends to deal with data which needs to persist across devices. In this work we use…….

# Workshop application : GPS location Upload and Retrieval

## Application Description

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## Application Code and Behaviour

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## Results

Describe your results here together with some small screenshots (not just the full screen but the actual pieces you want to show nicely cut out) in figures with figure caption. Also figures should always appear after you refer to them in text, and you must always refer to figures in text.

Fig. 1. Example of a figure caption.

We suggest that you use a text box to insert a graphic

Fig. 2. Example of a figure caption.

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# Project Application: NAME OF APP

You can also start a section with a body of text before the subsection, this can serve as an introduction to your project app.

## Application Description

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Fig. 2. Example of a figure caption.

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##### Conclusions

Conclude on all that you have done and described and the outcomes of the work. Describe any difficulty that you experienced or new knowledge you acquired. This may be a slight repetition of the conclusions also shown in the abstract. You should include a few references in your work, this can take the form of web addresses, however, a web address must be accompanied by a title like a regular reference and also by a date you accessed it, as shown in [1].

##### References

1. “Android” [Online]. Available: <https://www.android.com/> [Accessed: 11-11-2016]
2. J. Clerk Maxwell, A Treatise on Electricity and Magnetism, 3rd ed., vol. 2. Oxford: Clarendon, 1892, pp.68-73.
3. I.S. Jacobs and C.P. Bean, “Fine particles, thin films and exchange anisotropy,” in Magnetism, vol. III, G.T. Rado and H. Suhl, Eds. New York: Academic, 1963, pp. 271-350.
4. R. Nicole, “Title of paper with only first word capitalized,” J. Name Stand.