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| Independent Study Title | Development of Communication System for Construction on Android OS |
| Independent Study Credits | 6 |
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| Filed of Study | Construction Engineering and Management |
| Department | Civil Engineering |
| Faculty | Engineering |
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Abstract

The objective of this study was to develop a communication system for construction using an application on Android operation system. The developed application was able to upload construction reports in text and image formats, upload construction reports and plans, upload construction drawings, and update lists of contacts persons. The application enabled every member of the staff involved of the construction project to access real-time information using mobile phones running on Android operating system. The application's features improved the communication process during construction projects allowing communications to not only be fast, accurate, and up-to-date, but also help reduce communication problems which had posed-significant difficulties in construction management. In this research, a total of 15 engineers and site supervisors tested this system and the result revealed very high satisfaction.


Keywords:  Application Software / Android OS / Communication in Construction