Abstract

This paper “DESIGN AND DEVELOPMENT OF CENSUS DATA COLLECTION SYSTEM USING PDA” mainly concentrates on improving the efficiency of census data collection. The usual census data collection system involves an authorized enumerator, who collects the census data manually with paper and pen. This method has been a lot of time consuming and painstaking one. So in today’s world of data communication a client tool for a portable system becomes important to access and update a database. Innovative thinking helps us to improve the existing system. So we thought the finest solution for this handicap would be using a PDA. But such a client tool is yet to be developed. We have designed and developed such a client tool with PDA. Our idea is to implement this by providing a PDA containing the census application to every enumerator authorized by government through which they can collect census data and update the collected data to the census database thus
saving time and money.

Reference

- Automated Census System for Densely Inhabited Districts; Tadashi Ooishi, Takashi Nanaumi, Yoshiyuki Takei and Akihito Yamauci.
- Instructions and Guidelines to enumerators to collect census manuals (Government of India).
- Usability Study on the use Handheld Devices to Collect Census Data; Erica L.Olmsted.
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Index Terms

Computer Science
Wireless

Key words

PDA
Census application
Data Collection
Enumerator