2.14 Importance of Producing Spatially Referenced Digital National Identity Card Using Geographical Information System (GIS)

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ABSTRACT

National Identity Card (NIC) is a crucial document for any individual. It bears information that enable to relevant authorities to trace about the citizenship, name, and address, date of birth and reference Id number of the NIC holder. Though these information help identify a person, it dose not support to discover the ground location of the ID bearer.
Today This has become a problem for authorities to trace where the ID bearer is. This shortcoming of ID is a source for many corruptions. These main objectives of the present the main objective for this study is to propose new strategy to overcome the above mentioned difficulty.

The problem of lack of information on spatial location can be solved easily by including coordinates of the national grid system. This coordinate can be used as the reference number of the computerized data based to get detailed information of the particular person when needed.

Coordinates of the national grid system can be included using a secret method by introducing digital code system. This code system can be transform at into digital numbers, coordinates and relevant information can be displayed on a computer screen using Geographical Information Systems (GIS) and its facilities.

Spatial information of the NIC important for authorities of security forces, divisional secretariats, schools and other many persons who refer to the NIC. Therefore, input data on spatial location one important many people for many reasons.

GIS and cartographic facilities available are to be utilized for this study.