Socio-economic Profiling using COMPASS Application

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Abstract: Essential to every local government is their respective development plans, as it serves as the blue print of progress in their respective areas of jurisdiction. However, such plans will only be effective and comprehensive if the data, such as socio-economic profile, resource inventories are integrated. Though platforms as such are already present in the country, not all local government units in the Philippines could afford to buy such. For this matter, researches from Ateneo de Zamboanga University developed the Community-based Mapping Platform for Attribution and Spatial Survey (CoMPASS) Application for Socio-economic profiling. The application is developed using a Palapa Web Server, and is then integrated into handy android smartphones. A questionnaire was developed and integrated in the server in order to gather the data on the socio-economic profiles, millennium development goals, disaster risk reduction and resource inventory. The collected data are automatically stored in database and can be downloaded in CSV (comma separated values) and KML (keyhole markup language) format. A CSV file is a table structured format which can be opened in Microsoft Excel. On the other hand, a KML file shows the collected data geographically and can be viewed through Google Earth. COMPASS Application provides an alternative to the Local Government Units in terms of gathering the necessary data for their respective comprehensive development plans.

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