

ABSTRACT

At the present time, we connect to internet for many reasons such as: work, study, shop online, among others. This is due to the ease, speed and greater safety by taking appropriate measures to safeguard information. The internet's importance is based mainly in its potential uses, as for example the use of web applications to provide people performing their activities without being physically in a specific place. This is done by using a web browser and internet connection, and the information will be safe to be situated in an application server, so it will be easily accessible and has high availability. This project is conducted with the purpose of satisfying a need found in the neighborhood called "Balcón del Valle", the same that has created a savings and solidarity credit for residents of the sector in order to promote the development of micro enterprise activities; the need was covered by the analysis, design, construction and implementation of a system for managing the cooperative of savings and credit solidarity. The system is made with the development methodology UWE for their main features as: analysis, design and planning process to guide the development of web applications; obtaining a prototype application, the line of business and user satisfaction. Some of the tools that facilitated the development of this project are: eclipse moon, postgresql, jasperreports; and made use of design patterns MVC, DAO and DTO that meet all the requirements for the development of distributed applications.

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DESIGN PATTERNS