

The Modern Development Cycle of Citizen Oriented Applications

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Abstract: General citizen access to global computer networks' resources is a request of the knowledge society. Applications are created for a huge target group, such as the citizens of a country, citizens fulfilling specific requirements. These computer applications use national databases that should be designed, created and populated. The concept of citizen oriented application is defined in the paper. Different types of citizen oriented applications exist as a consequence of the existence of many classification criteria. The main characteristics of the citizen oriented applications are analyzed. Many differences are found by comparing citizen oriented applications with traditional ones and from these differences arises the need of a modified development cycle. The stages of the citizen oriented applications' development cycle are presented and their particularities are highlighted. The use of national databases is analysed.

Keywords: software engineering, development cycle, citizen oriented applications, characteristics, national databases.