

**APLIKASI TATA KELOLA ADMINISTRASI PENDUDUK
BERBASIS *HIERARCHICAL MODEL VIEW CONTROLLER*
(Implementasi Peraturan Menteri Dalam Negeri No.47 Tahun 2016)**

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ABSTRAK

Kegiatan pencatatan data administrasi penduduk oleh pemerintahan desa sering dihadapi masalah seperti, hilangnya data, pengisian data yang salah, dan sulitnya proses pencarian data. Hal ini dikarenakan proses pencatatannya dibagi dalam lima buku yaitu, buku Induk Penduduk, buku Mutasi Penduduk Desa, buku Rekapitulasi Jumlah Penduduk, buku Penduduk Sementara; dan buku Kartu Tanda Penduduk dan buku Kartu Keluarga, serta dalam pengelolaannya selama ini, masih menggunakan cara manual. Untuk mengatasi masalah tersebut, diperlukan sebuah aplikasi yang dapat mengatasi permasalahan dan kerumitan dalam proses pencatatan administrasi penduduk. Teknologi/konsep *Hierarchical Model View Controller* dipilih, karena mempermudah dalam pengembangan aplikasi dan penyatuan dari beberapa buku administrasi penduduk, berdasarkan PERMENDAGRI No. 47 Tahun 2016. Penerapan *HMVC* tersusun dari beberapa modul *MVC*. Pada administrasi penduduk konsep *Hierarchical* diterapkan pada setiap sub buku administrasi penduduk, dimana dalam sub terdapat konsep *MVC*. Dari ujicoba aplikasi pengelolaan administrasi penduduk, berbasis *HMVC* didapat kesimpulan, bahwa aplikasi ini, sesuai dengan permendagri no. 47 tahun 2016 dalam penerapan konsep *HMVC*. Sehingga, mempermudah proses administrasi penduduk dan pengembangan aplikasi kedepannya.

Kata Kunci : *PERMENDAGRI No.47 Tahun 2016, Administrasi Penduduk Desa, Hierarchical Model View Controller (HMVC), Model View Controller (MVC).*

**APPLICATION OF PUBLIC ADMINISTRATIVE GOVERNMENT
BASED ON HIERARCHIC MODEL VIEW CONTROLLER
(Implementation of Minister of Home Affairs
Regulation No.47 of 2016)**

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ABSTRACT

The activity of recording administrative data of the population by the village administration often faced problems such as, loss of data, filling of wrong data, and the difficulty of searching data. This is because the recording process is divided into five books, namely the Parent Book of Population, the book of the Population of the Village, the Recapitulation of Population book, Temporary Population book; And the Family Identity Card and the Family Card book, as well as in its management so far, still use manual methods. To overcome these problems, an application is needed that can solve the problems and complexities in the process of recording the administrative population. The Hierarchical Model View Controller technology / concept is selected, as it facilitates the development of applications and the unification of some population administration books, based on PERMENDAGRI no. 47 Year 2016. Application of HMVC is composed of several MVC modules. In population administration Hierarchical concept applied to every sub-book of population administration, where in sub there is concept of MVC. From the trial application of administrative management of the population, based on HMVC obtained the conclusion, that this application, in accordance with permendagri no. 47 years 2016 in the application of HMVC concept. Thus, simplify the process of population administration and application development going forward.

Keywords : PERMENDAGRI No.47 of 2016, Village Population Administrasion, Hierarchical Model View Controller (HMVC), Model View Controller (MVC).