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| **Sistem Informasi Rekam Medis Berbasis Web Dengan Framework Laravel Pada Klinik Syifa Medikana Tambun Selatan**  *Achmad Fauzi1, A. Yudi Permana 2,* *Endah Yaodah Kodratillah 3*  **Program Studi Teknik Informatika, Universitas Pelita Bangsa**  **Korespondensi email: pelitateknologi@gmail.com** | |
| **Abstrak** | **Informasi Artikel** |
| Klinik Syifa Medikana adalah instansi yang berperan serta memberikan pelayanan kesehatan secara menyeluruh dan terpadu kepada masyarakat di wilayah Tambun Selatan. Terdapat keterbatasan dalam pengolahan data pasien dan rekam medis. Rekam medis adalah berkas yang berisikan catatan dan dokumen tentang identitas pasien, pemeriksaan, pengobatan, tindakan, dan pelayanan yang telah diberikan kepada pasien. Proses pengolahan informasi pasien pada Klinik Syifa Medikana masih bersifat manual, yaitu dicatat kedalam buku yang menyebabkan timbulnya beberapa kendala. Hasil dari analisa ini adalah di butuhkannya sistem informasi rekam medis elektronik. Adapun metode yang dilakukan untuk membangun sistem informasi rekam medis elektronik yaitu dengan menggunakan metode *prototype*, perancangan di lakukan mengunakan UML (*Unified Modeling Language)* dan pengkodean sistem menggunakan bahasa pemograman PHP (*Hypertext Preprocessor*) dengan *Framework Laravel* 8. Dengan adanya sistem informasi rekam medis elektronik akan mempermudah dalam pengelolaan data rekam medis pasien dan mengurangi resiko hilangnya data pasien. | Diterima: 8 Desember 2018  Direvisi: 6 Februari 2019  Dipublikasikan: 21 Maret 2019 |
| **Keywords**  Klinik, Rekam Medis, *Prototype*, UML, PHP, *Laravel 8* |

1. **Introduction**

Teknologi informasi memiliki potensi dalam memproses data dan mengolahnya menjadi informasi. Salah satu dampak yang ditimbulkan pada teknologi komputer dan sistem informasi di bidang kesehatan yaitu pada klinik. Klinik merupakan suatu organisasi kesehatan yang berperan serta memberikan pelayanan kesehatan secara menyeluruh dan terpadu kepada masyarakat. Upaya meningkatkan pelayanan klinik sangat dibutuhkan, oleh karena itu diperlukannya suatu sistem terkomputerisasi seperti pendaftaran pasien dan informasi rekam medis pasien. Klinik Syifa Medikana merupakan klinik yang melayani kesehatan masyarakat, khususnya melayani pasien yang terletak di Tambun Selatan. Proses pengolahan informasi pasien pada Klinik Syifa Medikana masih bersifat manual, yaitu dicatat kedalam buku. Petugas klinik membutuhkan waktu lebih lama dalam mencari data-data pasien dan rekam medis. Selain itu data-data yang telah dibuat seperti data rekam medis sewaktu-waktu dapat hilang atau rusak. Secara administratif rekam medis elektronik bermanfaat sebagai gudang penyimpanan informasi secara elektronik mengenai status kesehatan dan layanan kesehatan yang diperoleh pasien. Selain itu, penggunaan rekam medis elektronik memberikan manfaat kepada dokter dan petugas kesehatan dalam mengakses informasi pasien yang pada akhirnya membantu dalam pengambilan keputusan klinis.

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The main title (on the first page) should begin 1 3/16 inches (7 picas) from the top edge of the page, centered, and in Times New Roman 14-point, boldface type. Capitalize the first letter of nouns, pronouns, verbs, adjectives, and adverbs; do not capitalize articles, coordinate conjunctions, or prepositions (unless the title begins with such a word) (*e.g.* **A Comparative Study of Privacy Protection Methods for Smart Home Environments).** Please initially capitalize only the first word in other titles, including section titles and first, second, and third-order headings (for example, “Titles and headings” — as in these guidelines). Leave two blank lines after the title.

1. **Author Name(s) and Affiliation(s)**

Author names and affiliations are to be centered beneath the title and printed in Times New Roman 12-point, non-boldface type. (See example below)

3.1. Affiliations

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Author1, Author2 and Author3

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* 1. Corresponding Author

Corresponding author should have an asterisk sign (\*) if possible, after the corresponding author’s name. The Corresponding author (e.g., \*Corresponding Author) label should be appeared at the footnote section of the first page of the paper, Times New Roman in style and 10 in font size.

1. **Second and Following Pages**

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For Example:

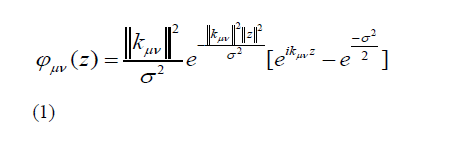
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Place figures as close as possible to the text they refer to and aligned center. Photos, graphs, charts or diagram should be labeled *Figure* (do not abbreviate) and appear 6pt space below the figure, 12pt space before the next text or paragraph, and assigned a number consecutively. The label and title should be in line with the figure number (*e.g.*, **Figure 1. Location Error Rate of Three Schemes**), it should be uniforms fonts and font size; use 11pt font size and Helvetica style, capitalized similar to paper title, aligned center and bold face. Source (if any) appear underneath, flush left. Figures should be at good enough quality. Minimum image dimensions are 6 cm (2.3622 in) wide by 6 cm (2.3622 in) high.

6.3. Equations

Including symbols and equations in the text, the variable name and style must be consistent with those in the equations. Equations should be indented at the left margin and numbered at the right margin, equation number is enclosed with open and close parenthesis () Time New Roman in style and 11pt font size. Define all symbols the first time they are used. All equation symbols must be defined in a clear and understandable way.

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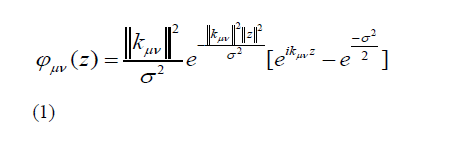
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