APLIKASI INFORMASI PENYAKIT GINJAL BERBASIS WEB

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ABSTRAK

Ginjal merupakan organ penting dalam tubuh dan berfungsi untuk membuang sampah metabolisme dan racun tubuh dalam bentuk urin / air seni, yang kemudian dikeluarkan dari tubuh. Meskipun sangat penting, seringkali kita lupa untuk merawatnya secara baik. Tingginya kasus penyakit di Indonesia terjadi akibat, antara lain kurangnya pengetahuan masyarakat untuk mencegah penyakit itu. Selain itu, terbatasnya sarana pelayanan kesehatan mata di puskesmas dan rumah sakit, serta kurangnya tenaga dokter spesialis yang bisa memeriksa dan membuat gangguan ginjal tak tertangani sejak dini.

Aplikasi ini dibuat untuk memberikan informasi seputar penyakit ginjal. Dari aplikasi ini dapat memberikan informasi mengenai jenis penyakit, gejala beserta solusi pengobatannya.

Sistem ini dibangun berbasis website yaitu untuk penyebaran informasi kepada masyarakat sehingga penanganan pada penyakit mata dapat cepat dilakukan. Bahasa pemrograman yang digunakan yaitu PHP dan MySQL sebagai *database*nya.

1. INTRODUCTION

1.1 Probem Indentification

1. How do I get the right information about kidney disease easily.
2. How do I make people easier to detect early kidney disease since.
3. How do I get information about kidney disease without having to meet directly with the doctor.

1.2 Mean and Purpose

he purpose of writing this final task is to make Information Application Web-Based Kidney Diseases

Objectives to be achieved in the Applications Information Web-Based Kidney Disease is Easier to identify early kidney disease through the media to the public website, so that further treatment of these diseases can be quickly done.

1.3 Benefits

The benefits of making these applications include:

1. With this website people are easy to obtain information about kidney disease.

2. With this website people can still get information without having to come to the doctor.

2. MODEL, ANALYSIS, DESIGN AND IMPLEMENTATION

2.1 Model

1. Data Collection phase
   a. Study library
   b. Study on field
      b.1 interview
      b.2 Observation
2. Software Development phase
   a. *System engineering*

b. *Requirement analyiss*
c. *Design*
d. *Coding (implementation)*
e. *Testing*
f. *Maintenance*

2.2 Problem Analysis

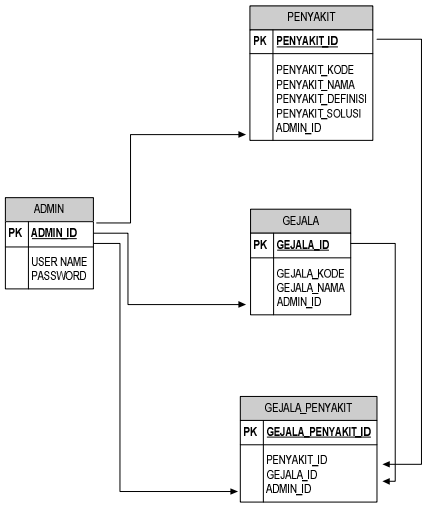
Based on the analysis and interviews on what is needed in developing applications of this information kidney disease will be evaluated following things:

1. Process view information about kidney disease can be found anywhere, without requiring to come to the doctor to get that information..
3. With the system running now, providing information to the public felt less effective so the community to get the full information required to come directly to the doctor or specialist.

2.3 Information

General definition of information regarding the use of information systems is data that has been processed into a form that is more useful and more meaningful to the use in making decisions. So the information processing system processing of data from a useless form is useful for the recipient.

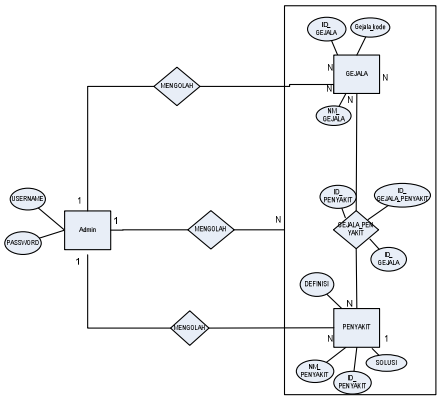
1. Table Relationship



Picture 1. Relasi table

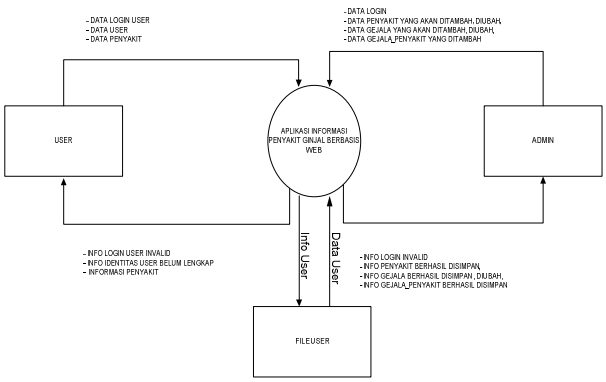
2.4 Design

1. ERD (*Entity Relationship Diagram*)



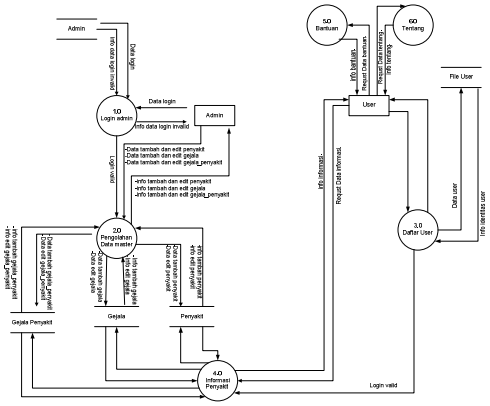
picture 2 ERD (*Entity Relationship Diagram*)

3. Context Diagram



Picture 3. Context Diagram

4. DFD (*Data Flow Diagram*)



Gambar 4. DFD level 0

2.4 Implementation

1. Software Implementation

Software used to build information applications, web-based renal disease are as follows:

1. Operating System Microsoft Windows XP.
2. MySQL as its database..
3. Bahasa pemrogramannya menggunakan PHP dengan toolnya Macromedia dreamweaver.

2. Hardware implementation

Hardware specifications used in building applications kidney disease information is as follows:

1. Personal computer with Pentium IV processor speed of 2.8 GHz
2. Hard Disk Capacity: 40 GB
3. *RAM* : 256 MB
4. *VGA Card* : 64 MB
5. *Monitor*
6. *Mouse*
7. *Keyboard*

3. Interface implementation

1. view home



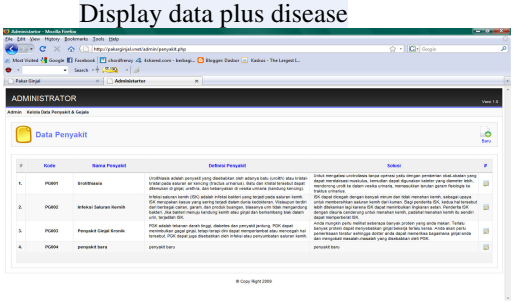
Picture 5 view home

2. Disease information display



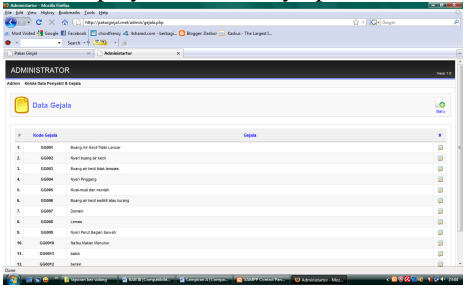
Picture 6 Disease information display

Display data plus disease



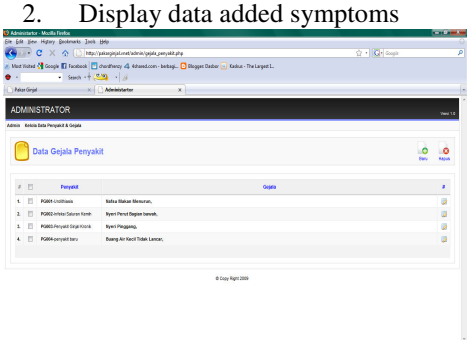
Picture 7 Display data plus disease

3. Display data added symptoms



Picture 8 Display data added symptoms

2. Display data added symptoms



Picture 9 Display data added symptoms

3. RESULTS AND DISCUSSION

Applications built information has the following capabilities::

1. Presented information about the symptoms of kidney disease, the definition and solution to the disease.
3. Facilitate the public in getting information about kidney disease.

4. CONCLUSIONS AND RECOMMENDATIONS

4.1 Conclusions

Based on the problems of applications built on the type of information a web-based renal disease, it can take several conclusions are as follows:

1. Facilitating the community to seek more detailed information and accurate information on this type of kidney disease
2. This application makes it easy to do data processing Disease

4.2 Recomendation

To further improve the performance of the application of this information kidney disease, the author proposes some suggestions that can be taken into consideration, namely:

1. For further development of the application of this information kidney disease, not only restricted to kidney disease information, but can also add a variety of other diseases.
2. The interface can be made more attractive and more user friendly..

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