

DAFTAR ISI

| | |
|--|------|
| HALAMAN JUDUL..... | i |
| HALAMAN PENGESAHAN..... | iii |
| PERNYATAAN..... | iv |
| PRAKATA..... | v |
| DAFTAR ISI..... | vii |
| DAFTAR GAMBAR..... | ix |
| DAFTAR TABEL..... | x |
| INTISARI..... | xii |
| ABSTRACT..... | xiii |
| BAB I PENDAHULUAN | |
| 1.1 Latar Belakang..... | 1 |
| 1.2 Rumusan Masalah..... | 3 |
| 1.3 Batasan Masalah..... | 3 |
| 1.4 Tujuan Penelitian..... | 4 |
| 1.5 Manfaat Penelitian..... | 4 |
| 1.6 Keaslian Penelitian..... | 4 |
| 1.7 Metodologi Penelitian..... | 5 |
| 1.8 Sistematika Penulisan..... | 6 |
| BAB II KAJIAN PUSTAKA..... | 8 |
| BAB III LANDASAN TEORI | |
| 3.1 <i>Case Based Reasoning</i> (CBR)..... | 15 |
| 3.1.1 Siklus CBR..... | 15 |
| 3.1.2 Kelebihan CBR..... | 16 |
| 3.2 Representasi Kasus..... | 18 |
| 3.3 <i>Retrieval</i> | 18 |
| 3.4 <i>Revise</i> | 23 |
| 3.5 Pengujian Sistem..... | 23 |
| 3.6 Fitur..... | 25 |
| 3.7 Seleksi Fitur..... | 25 |
| 3.7.1 Pendekatan <i>wrapper</i> | 26 |
| 3.7.2 Pendekatan <i>filter</i> | 27 |
| 3.8 Algoritma <i>Relief-F</i> | 28 |
| 3.9 Penyakit Jantung..... | 31 |
| BAB IV PERANCANGAN SISTEM | |
| 4.1 Deskripsi Sistem..... | 33 |
| 4.2 Akuisisi Pengetahuan..... | 35 |
| 4.3 Representasi Kasus..... | 36 |
| 4.4 Seleksi Fitur..... | 41 |
| 4.5 <i>Retrieval</i> | 47 |
| 4.6 Revisi Kasus..... | 48 |

| | | |
|----------------------|---|-----|
| 4.7 | Perancangan Sistem | 48 |
| 4.7.1 | Skema sistem..... | 48 |
| 4.7.2 | Rancangan <i>Data Flow Diagram</i> (DFD)..... | 49 |
| 4.7.3 | Rancangan basis data | 54 |
| 4.7.4 | Rancangan antarmuka pengguna..... | 59 |
| | | |
| BAB V | IMPLEMENTASI | |
| 5.1 | Ruang Lingkup Implementasi Sistem | 65 |
| 5.2 | <i>Form Login</i> dan Menu Utama..... | 65 |
| 5.3 | <i>Form Data Kasus</i> | 66 |
| 5.4 | <i>Form Seleksi Fitur</i> | 68 |
| 5.5 | <i>Form Diagnosis</i> | 71 |
| 5.6 | <i>Form Revisi</i> | 73 |
| | | |
| BAB VI | HASIL PENELITIAN DAN PEMBAHASAN | |
| 6.1 | Penyusunan Basis Kasus dan Data Uji | 74 |
| 6.2 | Skenario Pengujian Sistem..... | 74 |
| 6.3 | Proses Seleksi Fitur | 75 |
| 6.4 | Proses Diagnosis | 79 |
| 6.5 | Proses Revisi | 84 |
| 6.6 | Hasil Pengujian | 85 |
| 6.6.1 | Hasil pengujian tanpa seleksi fitur | 85 |
| 6.6.2 | Hasil pengujian dengan seleksi fitur | 89 |
| | | |
| BAB VII | KESIMPULAN DAN SARAN | |
| 7.1 | Kesimpulan | 101 |
| 7.2 | Saran..... | 102 |
| | | |
| DAFTAR PUSTAKA | | 103 |
| LAMPIRAN..... | | 106 |