

DAFTAR ISI

| | |
|---|-------------|
| LEMBAR PENGESAHAN | i |
| PERNYATAAN BEBAS PLAGIARISME | iii |
| PERNYATAAN BEBAS PUBLIKASI | iv |
| ABSTRAK | v |
| KATA PENGANTAR | vii |
| DAFTAR ISI | viii |
| DAFTAR GAMBAR | xi |
| DAFTAR TABLE | xii |
| DAFTAR ISTILAH | xiii |
| DAFTAR SINGKATAN | xvi |

BAB I PENDAHULUAN

| | |
|--------------------------------|---|
| 1.1 Latar Belakang..... | 1 |
| 1.2 Maksud dan Tujuan..... | 2 |
| 1.3 Rumusan Masalah..... | 2 |
| 1.4 Pembatasan Masalah..... | 2 |
| 1.5 Metode Penelitian..... | 3 |
| 1.6 Sistematika Penulisan..... | 4 |

BAB II DASAR TEORI

| | |
|-----------------------------------|----|
| 2.1 Senat Mahasiswa..... | 5 |
| 2.1.1 Fungsi Senat Mahasiswa..... | 6 |
| 2.1.2 Tugas Senat Mahasiswa..... | 6 |
| 2.2 Android..... | 6 |
| 2.2.1 Versi Android..... | 7 |
| 2.2.2 Fitur-Fitur Anroid..... | 9 |
| 2.2.3 Arsitektur Android..... | 10 |
| 2.2.4 Applications Framework..... | 10 |
| 2.2.5 Libraries..... | 10 |

| | | |
|--------|--------------------------------------|----|
| 2.3 | MIT App Inventor | 11 |
| 2.3.4 | Beberapa Fitur MIT App Inventor..... | 11 |
| 2.3.5 | Halaman Awal | 12 |
| 2.3.6 | Halaman Design..... | 12 |
| 2.3.7 | Platte..... | 13 |
| 2.3.8 | Viewer..... | 13 |
| 2.3.9 | Components..... | 14 |
| 2.3.10 | Media..... | 14 |
| 2.3.11 | Property..... | 15 |
| 2.4 | TinyWebDB | 16 |
| 2.5 | Java Script..... | 17 |

BAB III PERANCANGAN

| | | |
|---------|--|----|
| 3.1 | Flowchart | 18 |
| 3.2 | Use Case Diagram..... | 19 |
| 3.3 | Scenario Use Case Diagram..... | 20 |
| 3.4 | TinyWebDB..... | 30 |
| 3.4.1 | Property..... | 31 |
| 3.5 | Spesifikasi Kebutuhan Software dan Hardware..... | 31 |
| 3.5.1 | Software..... | 32 |
| 3.5.1.1 | Java SE Development Kit 8u25..... | 32 |
| 3.5.1.2 | Spesifikasi Nox App Player..... | 33 |
| 3.5.1.3 | Spesifikasi Adobe Photoshop CS6..... | 33 |
| 3.5.2 | Spesifikasi Asus X455L..... | 34 |
| 3.5.3 | Spesifikasi Smarthphone Vivo V5..... | 35 |

BAB IV PENGUJIAN DAN ANALISA SISTEM INFORMASI SENAT MAHASISWA (SEMA) AKADEMI TELKOM JAKARTA

| | | |
|-------|--|----|
| 4.1 | Pengujian aplikasi pada handphone Vivo V5..... | 36 |
| 4.2 | Analisa aplikasi Senat Mahasiswa..... | 43 |
| 4.2.1 | Mean Opinion Score..... | 47 |

BAB IV PENUTUP

| | | |
|-----|------------------|----|
| 5.1 | Kesimpulan | 49 |
| 5.2 | Saran..... | 49 |

DAFTAR PUSTAKA..... xvii

LAMPIRAN-LAMPIRAN