

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	ii
LEMBAR PENGESAHAN	iii
LEMBAR PERNYATAAN ORISINALITAS	iv
Kata Pengantar	v
LEMBAR PERSEMBAHAN	vi
DAFTAR ISI.....	vii
DAFTAR GAMBAR	xii
DAFTAR TABEL.....	xiv
DAFTAR LAMPIRAN.....	xvi
Daftar Istilah.....	xix
Bab I PENDAHULUAN	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah.....	4
I.3 Tujuan Penelitian.....	4
I.4 Batasan Penelitian	5
I.5 Manfaat Penelitian.....	5
I.6 Sistematika Penulisan.....	6
Bab II TINJAUAN PUSTAKA.....	8
II.1 Penelitian Terdahulu.....	8
II.2 Alasan Pemilihan Judul	10
II.3 Profil Perusahaan.....	13
II.3.1 Profil Umum	13
II.3.2 Visi dan Misi Perusahaan.....	13

II.4	<i>Development</i>	14
II.5	Sistem Informasi.....	14
II.6	Aplikasi <i>Mobile</i>	15
II.7	<i>User Experience</i>	16
II.8	<i>User Interface</i>	17
II.9	Kepribadian DISC	18
II.9.1	<i>Dominance</i>	18
II.9.2	<i>Influence</i>	18
II.9.3	<i>Steadiness</i>	18
II.9.4	<i>Compliance</i>	18
II.10	<i>Design Thinking</i>	19
II.10.1	<i>Emphasize</i>	20
II.10.2	<i>Define</i>	20
II.10.3	<i>Ideate</i>	20
II.10.4	<i>Prototype</i>	20
II.10.5	<i>Test</i>	20
II.10.6	<i>Implement</i>	21
II.11	Unified Modeling Language (UML)	21
II.11.2	<i>User Scenario</i>	26
II.12	<i>Usability Testing</i>	26
II.13	<i>Single Ease Question</i> (SEQ)	26
II.14	Pemilihan <i>Gaya Design</i>	27
II.14.1	Warna	27
II.14.2	<i>Typography</i>	28
II.14.3	<i>Shapes</i>	28
II.15	<i>Gestalt Principle</i>	28

II.16	Figma	29
II.17	<i>Visual Studio Code</i>	30
II.18	Flutter.....	30
II.19	Dart	30
II.20	Android Studio.....	31
II.21	<i>User Acceptance Testing (UAT)</i>	31
II.22	<i>System Usability Scale (SUS)</i>	31
Bab III	Metodologi penelitian	33
III.1	Kerangka Konseptual.....	33
III.2	Sistematika Penyelesaian Masalah	34
III.2.1	<i>Read and Think (Membaca dan Berpikir)</i>	35
III.2.2	<i>Explore and Plan (Eksplorasi dan Merencanakan)</i>	35
III.2.3	<i>Select a Strategy (Memilih Strategi)</i>	35
III.2.4	<i>Find a Answer (Mencari Jawaban)</i>	35
III.2.5	<i>Reflect and Extend (Refleksi dan Mengembangkan)</i>	35
III.3	Pengumpulan Data.....	35
III.4	Pengembangan Produk	37
III.5	Alasan Pemilihan Metode <i>Design</i>	38
Bab IV	ANALISIS DAN PERANCANGAN	40
IV.1	Proses Bisnis	40
IV.1.1	Proses Bisnis <i>Grand Design (As-Is)</i>	40
IV.1.2	<i>Gap Analysis</i>	42
IV.1.3	Proses Bisnis Dokter Umum (<i>to-be</i>)	46
IV.2	<i>Empathize</i>	47
IV.2.1	<i>Research User Interview</i>	47
IV.2.2	<i>Empathy Map</i>	48

IV.3	<i>Define</i>	51
IV.3.1	<i>User Persona</i>	51
IV.3.2	<i>Customer Journey Map</i>	52
IV.4	<i>Ideate</i>	53
IV.4.1	<i>How Might We</i>	53
IV.4.2	<i>Impact and Effort Matrix</i>	55
IV.4.3	<i>Use Case Diagram</i>	57
IV.4.4	<i>User Scenario</i>	58
IV.4.5	<i>Activity Diagram</i>	67
IV.4.6	<i>Sequence Diagram</i>	77
IV.4.7	<i>Class Diagram</i>	86
IV.4.8	<i>Protoype</i>	86
IV.4.9	<i>Low Fidelity</i>	90
IV.4.10	<i>High Fidelity</i>	100
Bab V	IMPLEMENTASI DAN PENGUJIAN.....	110
V.1	<i>Prototyping</i>	110
V.2	<i>Testing</i>	111
V.2.1	<i>Usability Testing</i>	111
V.3	<i>Iterative Design</i>	115
V.3.1	<i>Feedback Grid</i>	115
V.3.2	<i>Implementasi front End</i>	116
V.3.3	<i>User Acceptance Testing</i>	121
V.3.4	<i>System Usability Scale (SUS)</i>	123
Bab VI	KESIMPULAN DAN SARAN	124
VI.1	<i>Kesimpulan</i>	124
VI.2	<i>Saran</i>	125

Daftar Pustaka	126
Lampiran	133