

DAFTAR ISI

BAB I Pendahuluan.....	1
I.1 Latar Belakang.....	1
I.2 Perumusan Masalah.....	2
I.3 Tujuan Penelitian.....	3
I.4 Manfaat Penelitian.....	3
I.5 Batasan Penelitian.....	4
BAB II Tinjauan Pustaka.....	5
II.1 Kantin Telkom University.....	5
II.2 Aplikasi Perancangan.....	5
II.2.1 Aplikasi Point of Sales.....	5
II.2.2 Website Pemesanan.....	6
II.3 Diagram Perancangan.....	6
II.3.1 Unified Modeling Language.....	6
II.3.2 Pemodelan Data.....	11
II.4 Bahasa dan Framework Pengembangan.....	13
II.4.1 Javascript.....	13
II.4.2 React.....	13
II.4.3 Chakra UI.....	14
II.5 API pengembangan.....	15
II.5.1 Midtrans.....	15
II.6 Software Pendukung.....	15
II.6.1 Jira.....	15
II.6.2 Figma.....	16
II.6.3 Visual Studio Code.....	17
II.6.4 Postman.....	17
II.6.5 Maze.....	18
II.7 Metode Penelitian.....	18
II.7.1 System Development Life Cycle.....	18
II.7.2 Model Agile.....	20
II.7.3 Framework Scrum.....	20
II.8 Penelitian Terdahulu.....	21
BAB III Metodologi Penelitian.....	23
III.1 Model Konseptual.....	23
III.2 Sistematisa Penyelesaian Masalah.....	24
III.3 Alasan Pemilihan Metode.....	26
III.4 Pengumpulan Data.....	26
III.5 Pengolahan Data.....	27
III.6 Metode Evaluasi.....	28

Rencana Jadwal Kegiatan.....	29
BAB IV Analisis dan Perancangan.....	30
IV.1 Analisis.....	30
IV.1.1 Analisis Kuesioner Kebutuhan Pengguna.....	30
IV.1.2 Analisis Proses Bisnis.....	35
IV.1.3 Analisis Kebutuhan Sistem.....	37
IV.2 Perancangan.....	40
IV.2.1 Use Case Diagram.....	41
IV.2.2 Use Case Scenario.....	42
IV.2.3 Entity Relationship Diagram.....	58
IV.2.4 Relational Table Diagram.....	59
IV.2.5 Class Diagram.....	60
IV.2.6 Sequence Diagram.....	61
IV.2.7 Deployment Diagram.....	69
IV.2.8 Low Fidelity.....	70
BAB V Implementasi dan Pengujian.....	76
V.1 Implementasi.....	76
V.1.1 Implementasi Metode Scrum.....	76
V.1.2 Implementasi Desain.....	91
V.1.3 Implementasi Aplikasi.....	97
V.2 Pengujian.....	127
V.2.1 User Usability Testing.....	128
V.2.2 Black Box Testing.....	146
V.2.3 User Acceptance Testing.....	161
BAB VI Kesimpulan dan Saran.....	194
VI.1 Kesimpulan.....	194
VI.2 Saran.....	194