

DAFTAR ISI

| | |
|-------------------------------------|-----|
| LEMBAR PENGESAHAN | i |
| LEMBAR PENYATAAN | ii |
| LEMBAR PERSEMBAHAN | iii |
| KATA PENGANTAR | iv |
| ABSTRAK | v |
| ABSTRACT | vi |
| DAFTAR ISI | vii |
| DAFTAR GAMBAR | ix |
| DAFTAR TABEL | x |
| BAB 1 PENDAHULUAN | 1 |
| 1.1 Latar Belakang | 1 |
| 1.2 Rumusan Masalah | 3 |
| 1.3 Batasan Masalah | 3 |
| 1.4 Manfaat | 3 |
| 1.5 Tujuan | 3 |
| BAB 2 KAJIAN PUSTAKA | 4 |
| 2.1 Pendidikan Anak Usia Dini | 4 |
| 2.2 Mobile Learning | 4 |
| 2.3 Waterfall | 5 |
| 2.4 Black Box | 6 |
| 2.5 Quasi Experimental | 6 |
| 2.6 Penelitian Terkait | 9 |
| BAB 3 METODELOGI PENELITIAN | 14 |
| 3.1 Alur Perancangan Sistem | 14 |

| | |
|--|-----------|
| 3.2 Communication | 15 |
| 3.2.1 Identifikasi Stakeholder | 15 |
| 3.2.2 Pengumpulan Data | 15 |
| 3.2.3 Kebutuhan Pengguna | 19 |
| 3.3 Planning | 19 |
| 3.3.1 Spesifikasi Aplikasi | 19 |
| 3.3.2 Spesifikasi Virtual Machine | 20 |
| 3.4 Modeling | 20 |
| 3.4.1 Use Case Diagram | 21 |
| 3.4.2 Scenario Use Case | 22 |
| 3.4.3 Class Diagram | 29 |
| 3.4.4 Activity Diagram | 30 |
| 3.5 Construction | 37 |
| BAB 4 PENGUJIAN DAN ANALISA HASIL | 40 |
| 4.1 Pengujian Black Box | 40 |
| 4.2 Analisis Hasil Pembelajaran | 47 |
| BAB 5 KESIMPULAN DAN SARAN | 56 |
| 5.1 Kesimpulan | 56 |
| 5.2 Saran | 56 |
| DAFTAR PUSTAKA | 57 |
| LAMPIRAN | 59 |