

# Daftar Isi

<b>ABSTRAK .....</b>	<b>III</b>
<b>DAFTAR ISI .....</b>	<b>1</b>
<b>DAFTAR TABEL .....</b>	<b>3</b>
<b>DAFTAR GAMBAR.....</b>	<b>4</b>
<b>BAB I PENDAHULUAN.....</b>	<b>5</b>
<b>1.1.    LATAR BELAKANG.....</b>	<b>5</b>
<b>1.2.    PERUMUSAN MASALAH .....</b>	<b>6</b>
<b>1.3.    TUJUAN.....</b>	<b>6</b>
<b>1.4.    BATASAN MASALAH.....</b>	<b>7</b>
<b>BAB II KAJIAN PUSTAKA.....</b>	<b>8</b>
<b>2.1.    FRAMEWORK .....</b>	<b>8</b>
<b>2.2.    MVC (MODEL, VIEW, CONTROLLER) .....</b>	<b>8</b>
<b>2.3.    PHP .....</b>	<b>8</b>
<b>2.4.    DART .....</b>	<b>8</b>
<b>2.5.    LARAVEL.....</b>	<b>8</b>
<b>2.6.    FLUTTER .....</b>	<b>9</b>
<b>BAB III PERANCANGAN SISTEM .....</b>	<b>10</b>
<b>3.1.    DIAGRAM ALUR PERANCANGAN .....</b>	<b>10</b>
<b>3.2.    SISTEM ARSITEKTUR.....</b>	<b>11</b>
<b>3.3.    FUNCTIONAL REQUIREMENT .....</b>	<b>13</b>
<b>3.3.1 Functional Requirement Mobile.....</b>	<b>13</b>
<b>3.3.2 Functional Requirement Web.....</b>	<b>16</b>
<b>3.4.    NON-FUNCTIONAL REQUIREMENT.....</b>	<b>19</b>
<b>3.4.1 Non-Functional Requirement Mobile.....</b>	<b>19</b>
<b>3.4.2 Non-Functional Requirement Web.....</b>	<b>20</b>
<b>3.5.    PERANCANGAN MVC WEB <i>DASHBOARD</i> .....</b>	<b>21</b>
<b>3.6.    PERANCANGAN MVC APLIKASI <i>MOBILE</i> .....</b>	<b>22</b>
<b>3.7.    KOMPONEN YANG DIGUNAKAN .....</b>	<b>23</b>
<b>3.8.    SKENARIO ALUR PENGUJIAN .....</b>	<b>24</b>
<b>BAB IV IMPLEMENTASI &amp; PENGUJIAN .....</b>	<b>26</b>
<b>4.1 PERSIAPAN .....</b>	<b>26</b>
<b>4.1.1 Model .....</b>	<b>26</b>
<b>4.1.2 Controller / Service.....</b>	<b>27</b>
<b>4.1.3 View.....</b>	<b>27</b>
<b>4.1.4 Helpers.....</b>	<b>28</b>
<b>4.1.5 Mailers .....</b>	<b>28</b>
<b>4.1.6 Routes .....</b>	<b>29</b>
<b>4.1.7 Rules .....</b>	<b>30</b>
<b>4.1.8 Queue.....</b>	<b>30</b>
<b>4.1.9 Multi Language.....</b>	<b>31</b>
<b>4.1.10 Schedule.....</b>	<b>32</b>
<b>4.1.11 Migrations.....</b>	<b>32</b>
<b>4.1.12 Factories .....</b>	<b>33</b>
<b>4.2 MENYIAPKAN ENVIRONMENT DAN LAYANAN PENDUKUNG .....</b>	<b>33</b>

<b>4.3</b>	<b>MERANCANG FUNGSI TIAP-TIAP FITUR &amp; INTEGRASI DATA DENGAN FRONT-END .....</b>	<b>35</b>
<b>4.4</b>	<b>MERANCANG NON-FUNCTIONAL REQUIREMENT .....</b>	<b>49</b>
	<i>4.4.1 Non-Functional Requirement Mobile .....</i>	<i>49</i>
	<i>4.4.2 Non-Functional Requirement Web .....</i>	<i>51</i>
<b>4.5</b>	<b>PENGUJIAN TIAP-TIAP FUNGSI.....</b>	<b>54</b>
	<i>4.5.1 Test Environment .....</i>	<i>54</i>
	<i>4.5.2 Test Case &amp; Execution Web (Functional Requirement) .....</i>	<i>55</i>
	<i>4.5.3 Test Case &amp; Execution Mobile (Functional Requirement) .....</i>	<i>69</i>
	<i>4.5.4 Test Case &amp; Execution (Non-Functional Requirement) .....</i>	<i>79</i>
<b>BAB V</b>	<b>KESIMPULAN &amp; SARAN .....</b>	<b>82</b>
<b>REFERENSI.....</b>		<b>83</b>