

## LIST OF FIGURES

	<i>Page</i>
Figure 2.1 Edgar Dale's Cone of Experience (Lee and Reeves, 2007) .....	18
Figure 3.1 Steps of 4D Development Model .....	36
Figure 3.2. Userflow design .....	38
Figure 3.3 Practicum activity userflow .....	39
Figure 3.4. Splash screen page .....	40
Figure 3.5. Landing page .....	40
Figure 3.6. Main menu page .....	41
Figure 3.7. Class category page .....	42
Figure 3.8. Practicum activity page.....	42
Figure 3.9. Pre-Lab notice page .....	43
Figure.3.10. Pre-Lab equipment page .....	44
Figure 3.11. Choosing equipment stage .....	45
Figure 3.12. Main practicum activity page .....	46
Figure 3.13. Result page.....	47
Figure 3.14. Conclusion page 1 .....	47
Figure 3.15. Conclusion page 2 .....	48
Figure 3.16. Exercise page .....	48
Figure 3.17. Final page.....	49
Figure 4.1. Figma landing page .....	62
Figure 4.2. Ibis Paint X gallery page.....	63
Figure 4.3. Document setup in Adobe Animate CC 2020 .....	64
Figure 4.4. Loading Page .....	64
Figure 4.5. Landing page .....	65
Figure 4.6. Main menu scene .....	66
Figure 4.7. Revised version of practicum list scene.....	66
Figure 4.8. Revised version of bacteria staining practicum list .....	67
Figure 4.9. Basic competencies and learning objective scene .....	67
Figure 4.10. Pre-Practicum activity 1 .....	68
Figure 4.11. Choosing materials .....	68

Figure 4.12. Principles of Gram staining in application .....	69
Figure 4.13. Stage of practicum activity .....	69
Figure 4.14. First question in microscope observation scene .....	70
Figure 4.15. Reaction for wrong answer .....	70
Figure 4.16. Bacteria classification based on morphology in application .....	71
Figure 4.17. Result scene layout .....	71
Figure 4.18. Discussion layout in application.....	72
Figure 4.19. Conclusion scene .....	72
Figure 4.20. Closing scene .....	73
Figure 4.21. Tutorial scene.....	73
Figure 4.22. Profile scene.....	74
Figure 4.23. References scene.....	74
Figure 4.24. Publish setting.....	75
Figure 4.25 Media feasibility by media expert on every aspects .....	76
Figure 4.26 Material feasibility by material expert on every aspects .....	82
Figure 4.27. Feasibility score by students response.....	85

