**DAFTAR ISI**

**KATA PENGANTAR........................................................................................ i DAFTAR ISI................................................................................................... iv DAFTAR TABEL .......................................................................................... vii DAFTAR GAMBAR...................................................................................... viii DAFTAR LAMPIRAN .................................................................................. ix BAB I PENDAHULUAN ........................................................................... 1**

1.1 Latar Belakang....................................................................... 1

1.2 Identifikasi Masalah ............................................................... 6

1.3 Batasan Masalah ..................................................................... 6

1.4 Rumusan Masalah................................................................... 6

1.5 Tujuan Penelitian .................................................................... 7

1.6 Manfaat Penelitian .................................................................. 7

1.6.1 Manfaat Teoritis ......................................................... 8

1.6.2 Manfaat Praktis........................................................... 8

**BAB II TINJAUAN PUSTAKA .............................................................. 12**

2.1 Kajian Teori ............................................................................ 12

2.1.1 Teori Belajar ............................................................... 12

2.1.2 Teori Perkembangan Anak .......................................... 13

2.1.3 Media Pembelajaran ................................................... 15

2.1.3.1 Pengertian Media Pembelajaran.................. 15

2.1.3.2 Jenis-Jenis Media Pembelajaran.................. 16

2.1.3.3 Kriteria Pemilihan Media ............................ 17

2.1.4 Pengembangan Media ................................................ 18

2.1.5 Model Pengembangan Media Pembelajaran ............. 18

2.1.6 Media *Augmented Reality* (AR).................................. 22

2.1.6.1 Pengertian Media *Augmented Reality* (AR) 22

2.1.6.2 Kelebiham Media *Augmented Reality* (AR) 23

2.1.6.3 Kekurangan Media *Augmented Reality* (AR) 24

2.1.7 Langkah-Langkah Pembuatan Media *Augmented*

*Reality* dengan Website Assemblr Edu..................... 24

2.1.8 Efektifitas Pembelajaran............................................. 26

2.1.8.1 Pengertian Efektivitas Pembelajaran .......... 26

2.1.8.2 Indikator-Indikator Efektivitas Pembelajaran 27

2.1.9 Minat Belajar .............................................................. 28

2.1.9.1 Pengertian Minat Belajar............................. 28

2.1.9.2 Indikator-Indikator Minat Belajar Siswa .... 29

2.1.9.3 Faktor-Faktor Yang Mempengaruhi Minat

Belajar .......................................................... 30

2.1.10 Materi Sistem Pencernaan Manusia............ 34

2.2 Penelitian Relevan .................................................................. 42

2.3 Kerangka Berpikir .................................................................. 44

**BAB III METODOLOGI PENELITIAN ................................................ 45**

3.1 Jenis Penelitian........................................................................ 45

3.2 Tempat dan Waktu Penelitian ................................................ 45

**BAB IV**

4.2 Pembahasan............................................................................. 82

|  |  |  |  |
| --- | --- | --- | --- |
| 3.3 | Subjek dan Objek Penelitian .................................................. | | 45 |
| 3.4 | Prosedur Penelitian dan pengembangan ................................ | | 46 |
| 3.5 | Teknik dan Instrumen Pengumpulan Data.............................. | | 48 |
|  | 3.5.1 Teknik Pengumpulan Data .......................................... | | 48 |
|  | 3.5.2 Intrumen Pengumpulan Data....................................... | | 51 |
| 3.6 | Teknik Analisis Data................................................................. | | 56 |
| **HASIL PENELITIAN DAN PEMBAHASAN ........................... 60** | | | |
| 4.1 | Hasil | Penelitian ....................................................................... | 60 |
|  | 4.1.1 | Tahap *Define* (Pendefinisian)..................................... | 60 |
|  | 4.1.2 | *Design* (Perancangan)................................................. | 63 |
|  | 4.1.2 | *Development* (Pengembangan) .................................. | 67 |
|  | 4.1.3 | *Dissemination* (Penyebaran) ...................................... | 82 |

**BAB V PENUTUP........................................................................................ 86**

5.1 Kesimpulan ............................................................................. 86

5.2 Saran ........................................................................................... 87

**DAFTAR PUSTAKA......................................................................................... 89**

**DAFTAR TABEL**

Tabel 2.1 Tahapan Perkembangan Usia ............................................................... 13

Tabel 2.2 Penelitian Relevan atau Kajian Terdahulu......................................... 42

Tabel 3.1 Kisi-kisi Lembar Validasi Ahli Media ................................................ 52

Tabel 3.2 Kisi-Kisi Lembar Validasi Ahli Materi ............................................. 53

Tabel 3.3 Kisi-Kisi Lembar Validasi Respon Guru............................................. 54

Tabel 3.4 Kisi-Kisi Angket Minat Belajar Siswa............................................... 55

Tabel 4.1 Hasil Telaah Ahli Media ....................................................................... 68

Tabel 4.2 Hasil Revisi dari Telaah Ahli Media.................................................... 69

Tabel 4.3 Hasil Telaah Ahli Materi .................................................................... 73

Tabel 4.4 Hasil Revisi dari Telaah Ahli Materi ................................................. 74

Tabel 4.5 Hasil Telaah Ahli Pembelajaran (Respon Guru) ............................... 78

**DAFTAR GAMBAR**

Gambar 2.2 Model Pengembangan 4D.................................................................. 19

Gambar 2.4 Kerangka Berpikir Penelitian ........................................................ 45

Gambar 4.1 Menu Utama ...................................................................................... 64

Gambar 4.2 Organ-Organ Pencernaan dan Penjelasannya ............................... 65

Gambar 4.3 Organ Mulut Beserta Penjelasannya ............................................. 65

Gambar 4.4 Organ Kerongkongan Beserta Penjelasannya ............................... 66

Gambar 4.5 Organ Lambung Beserta Penjelasannya........................................ 66

Gambar 4.6 Organ Usus Halus Beserta Penjelasannya..................................... 66

Gambar 4.7 Gambar Usus Besar Beserta Penjelasannya.................................. 67

Gambar 4.8 Gambar Anus Beserta Penjelasannya............................................ 67

Gambar 4.9 *Barcode* dan *Link* Media AR Yang Dikembangkan ..................... 72

Gambar 4.10 Diagram Hasil Telaah Minat Siswa ............................................ 79

Gambar 4.11 Diagram Hasil Keefektifan Media .............................................. 81

**DAFTAR LAMPIRAN**

Lampiran 1 lembar Angket Validasi Ahli Media Pada Media Pembelajaran

*Augmented Reality* (Ar) Sistem Pencernaan Manusia.............. 94

Lampiran 2 Lembar Angket Validasi Ahli Materi Pada Media Pembelajaran

*Augmented Reality* (Ar) Sistem Pencernaan Manusia.............. 96

Lampiran 3 Lembar Angket Validasi Praktisi Atau Respon Guru Pada Media

Pembelajaran *Augmented Reality* (Ar) Sistem Pencernaan Manusia

.................................................................................................. 98

Lampiran 4 Lembar Angket Validasi Minat Belajar Siswa Pada Media

Pembelajaran *Augmented Reality* (Ar) Sistem Pencernaan Manusia

.................................................................................................. 100

Lampiran 5 Draft Media Pembelajaran *Augmented Reality* (Ar) Sebelum Penelitian

.................................................................................................. 102

Lampiran 6 Dokumentasi/Foto Observasi.................................................... 108

Lampiran 7 Transkip Wawancara Dengan Wali Kelas V (Guru Pengganti) 109

Lampiran 9 Angket Validasi Ahli Media.......................................................... 113

Lampiran 10 Angket Validasi Ahli Materi ....................................................... 115

Lampiran 11 Angket Validasi Ahli Pembelajaran ( Respon Guru)................... 117

Lampiran 12 Angket Minat Siswa (*Pre-Test*) Tertinggi .................................. 119

Lampiran 13 Angket Minat Siswa (*Pre-Test*) Terendah.................................. 121

Lampiran 14 Angket Minat Siswa (*Post-Test*) Tertinggi................................. 123

Lampiran 15 Angket Minat Siswa (*Post-Test*) Terendah ................................ 125

|  |  |  |
| --- | --- | --- |
| Lampiran 16 | Dokumentasi Pengisian Angket Minat Siswa ............................ | 127 |
| Lampiran 17 | Media Yang Dikembangkan........................................................ | 128 |
| Lampiran 18 | Link Gambar Yang Digunakan Pada Media Pembelajaran ....... | 132 |
| Lampiran 19 | Kartu Media Pembelajaran ....................................................... | 133 |
| Lampiran 20 | Hasil Telaah Ahli Media .......................................................... | 134 |
| Lampiran 21 | Hasil Telaah Ahli Materi .......................................................... | 136 |
| Lampiran 22 | Hasil Telaah Ahli Pembelajaran (Respon Guru) ...................... | 137 |
| Lampiran 23 | Hasil Telaah Minat Siswa......................................................... | 138 |
| Lampiran 24 | Hasil Telaah Keefektifan Media............................................... | 139 |