

## **ABSTRACT**

**Doni Pernanda, 2019, *Development Animated Demonstration Media on Computer and Basic Networking Subject.***

*Based on students learning outcomes of Grade X of Multimedia Department at SMKN 2 Pariaman on Computer and Basic Network subjects, it showed that Computer and Basic Network learning has not been effective. Based on the problem, this study was aimed to develop an Animated Demonstration learning media that was valid, practice, and effective on Computer and the Basic Network subject of Multimedia Department in Vocational High Schools.*

*In this researcher used a Research and Development (R & D) method, and the development model carried out in this study was a(four-D). This 4D model consisted of four stages, namely define, design, develop, and disseminate. This Animated Demonstration learning media was created using Macromedia Flash 8.*

*The findings obtained from this study can be concluded that the Animated Demonstration learning media on Computer and Basic Network subjects were valid, practice, and effective to be used as a media for learning Computer and Basic Networks. Based on the findings, it can be concluded that this research has been developed one set of Animated Demonstration Media on Computer and Basic Networking Subject.*

**Keywords:** *Animated Demonstration Learning Media, Macromedia Flash 8, 4D (Four-D)*

## ABSTRAK

**Doni Pernanda, 2019, Pengembangan Media *Animated Demonstration* Pada Pembelajaran Komputer dan Jaringan Dasar. Tesis Pascasarjana Fakultas Teknik Universitas Negeri Padang.**

Berdasarkan hasil studi awal terhadap siswa kelas X pada mata pelajaran Komputer dan Jaringan Dasar Jurusan Multimedia di SMK, ditemukan bahwa pembelajaran belum efektif. Tujuan penelitian ini untuk mengembangkan media pembelajaran *Animated Demonstration* yang valid, praktis, dan efektif pada mata pelajaran Komputer dan Jaringan Dasar jurusan Multimedia di SMK.

Pada penelitian ini menggunakan metode penelitian *Research and Development (R&D)*, dan model pengembangan yang dilakukan pada penelitian ini adalah model 4D (*four-D*). Model 4D ini terdiri dari empat tahapan, yaitu *define* (tahap pendefinisian), *design* (tahap perancangan), *develop* (tahap pengembangan), dan *dessiminate* (tahap penyebaran). Media pembelajaran *Animated Demonstration* ini dibuat dengan menggunakan *Macromedia Flash 8*.

Temuan yang diperoleh dari penelitian ini dapat simpulan bahwa media pembelajaran *Animated Demonstration* pada mata pelajaran Komputer dan Jaringan Dasar ini valid, praktis, dan efektif untuk dimanfaatkan sebagai sebuah media untuk pembelajaran Komputer dan Jaringan Dasar.

**Kata Kunci:** Media Pembelajaran *Animated Demonstration*, *Macromedia Flash 8*, 4D (*four-D*)