ABSTRAK

Andika Ferdinanta Ritonga (NIM. 6163321004) "Analisis Gerak Renang Gaya *Crawl* Dengan Menggunakan Aplikasi *Dartfish* Pada Atlet Putri Rajawali *Aquatic Swimming Club* Unimed Tahuun 2021''
(Pembimbing : (Drs. Ibrahim, M.Pd)
Skripsi : Fakultas Ilmu Keolahragaan UNIMED 2021

Tujuan dari penelitian ini adalah, untuk mengetahui gerak teknik renang gaya *crawl* yang dilakukan oleh atlet putri rajawali *aquatic swiming club* Unimed. Indikator penilaian pada penelitian ini yaitu mengetahui kemampuan teknik renang gaya *crawl* yang terdiri dari awalan, pelaksanaan dan posisi akhrian.

Metode penelitian yang digunakan adalah metode penelitian kuantitatif .Analisa secara gerak secara kuantitatif penampilan atau aspek diukur berdasarkan bilangan atau angka. Untuk menganalisis data, setiap atlet akan melaksanakan teknik renang gaya *crawl* dan peneliti akan mengaplikasikan dengan menggunakan aplikasi *software dartfish* yang dimana pengambilan videonya terdapat lima sudut pengambilan dari samping kanan, samping kiri, depan dan dari atas, kemudian membandingkan pada atlet pembanding.

Hasil penelitian berdasarkan aplikasi *Software Darfisths* persentase tingkat keberhasilan pada penelitian ini yaitu : Hasil persentase analisis *Software Darfisth* pada *start* (26,66% Baik Sekali), (30% Baik), (6,6% kurang), (36,66 % kurang Sekali). 15 Meter (19,35% Baik Sekali), (9,6% Baik), (22,58% kurang), (48,38 % kurang Sekali). 30 Meter (20% Baik Sekali), (16,66% Baik), (6,6% kurang), (56,66% kurang Sekali). 50 Meter (10,81% Baik Sekali), (10,81% Baik), (21,62% kurang), (56,75% kurang Sekali).

Berdasarkan analisis *Software Dartfish* menunjukkan bahwa keseluruhan gerak pada tingkat kebenaran gerak teknik renang gaya *crawl* kategori kurang sekali.

Kata Kunci : Analisis, *Software Dartfish*, Renang Gaya *crawl*.

ABSTRAK

Andika Ferdinanta Ritonga (NIM. 6163321004) "Analysis of Crawl Style Swimming Using the Dartfish Application in Female Athletes Rajawali Aquatic Swimming Club Unimed year 2021"
(Advisor: (Drs. Ibrahim, M.Pd)
Thesis: Faculty of Sports Science, UNIMED 2021

The purpose of this study was to determine the motion of the freestyle swimming technique performed by the female athlete of the Unimed swimming club. The assessment indicator in this study is to determine the ability of the freestyle swimming technique which consists of a start, implementation and final position.

The research method used is quantitative research methods. Quantitative analysis of the movement of the appearance or aspect is measured based on numbers or numbers. To analyze the data, each athlete will carry out the crawl style swimming technique and the researcher will apply it using the dartfish software application, where the video captures are five angles from the right side, left side, front and from above, then compare the comparison athletes.

The results of the research based on the application of the Darfisths Software the percentage of success rates in this study are; The results of the percentage of Darfisth software analysis at start (26,66% Very Good), (30% Good), (6,6% Less), (36,66% Very Less) . 15 Meters (19,35% Very Good), (9,6% Good), (22,58% Less), (48,38% Very Less). 30 Meters (20% Very Good), (16,66% Good), (6,6% Less), (56,66% Very Less). 50 Meters (10,81% Very Good), (10,81% Good), (21,62% Less), (56,75% Very Less).

Based on the analysis of the Dartfish Software, it shows that the overall motion at the correct level of motion in the crawl style swimming technique category is very lacking.

Keywords: Analysis, Dartfish Software, Freestyle Swimming