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| TUGAS AKHIR  Nested Named-Entity Recognition dalam Bahasa Indonesia Menggunakan  Sequence-to-Set Network |
| LOGO ISTTS TRANS PUTIH |
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| Oleh:  Nicoletta Valencia Halim  218116699 |
| PROGRAM SARJANA  PROGRAM STUDI INFORMATIKA  FAKULTAS SAINS DAN TEKNOLOGI  INSTITUT SAINS DAN TEKNOLOGI TERPADU SURABAYA  SURABAYA  2022 |

TUGAS AKHIR

Nested Named-Entity Recognition dalam Bahasa Indonesia Menggunakan Sequence-to-Set Network

TUGAS AKHIR

Diajukan Guna Memenuhi Sebagian Persyaratan Untuk Memperoleh Gelar

Sarjana Komputer

Pada

Institut Sains dan Teknologi Terpadu Surabaya

Disetujui oleh Tim Penguji Tugas Akhir:

1. Dr. Joan Santoso, S.Kom., M.Kom. (Pembimbing)
2. \_\_\_\_\_\_\_\_, S.Kom., M.Kom. (Penguji I)
3. \_\_\_\_\_\_\_\_, M.App.Sc. (Penguji II)
4. \_\_\_\_\_\_\_\_, S.Kom., M.Kom. (Penguji III)

SURABAYA

JUNI 2022

# SURAT PERNYATAAN KEASLIAN

Yang bertanda tangan di bawah ini:

Nama : Nicoletta Valencia Halim

Fakultas/ Prodi : Sains dan Teknologi/ Informatika

NRP : 218116699

dengan ini menyatakan bahwa isi sebagian maupun keseluruhan Tugas Akhir dengan judul:

NESTED NAMED-ENTITY RECOGNITION DALAM BAHASA INDONESIA MENGGUNAKAN SEQUENCE-TO-SET NETWORK

TUGAS AKHIR

adalah benar-benar hasil karya intelektual mandiri, diselesaikan tanpa menggunakan bahan-bahan yang tidak diizinkan dan bukan merupakan karya pihak lain yang saya akui sebagai karya sendiri.

Semua referensi yang dikutip maupun dirujuk telah ditulis secara lengkap pada daftar pustaka.

Apabila ternyata pernyataan ini tidak benar, saya bersedia menerima sanksi sesuai peraturan yang berlaku.

Surabaya, 01-06-2022

Yang Membuat Pernyataan,

Nicoletta Valencia Halim

218116699

# ABSTRAK

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# ABSTRACT

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# KATA PENGANTAR

Syukur diberikan kepada Tuhan Yang Maha Esa, karena berkat dan bimbingan-Nya, sehingga Tugas Akhir dengan judul “Nested Named-Entity Recognition dalam Bahasa Indonesia Menggunakan Sequence-to-Set Network” ini dapat diselesaikan dengan baik. Penyusunan Tugas Akhir ini pastinya mengalami kesulitan dan masalah. Namun berkat bantuan dan bimbingan secara fisik maupun emosional dari beberapa pihak maka segala kesulitan dan permasalahan tersebut dapat diselesaikan. Karena itu pada kesempatan ini penulis tugas akhir ingin mengucapkan terima kasih kepada :

1. Papa, mama, saudara dan ibu baptis yang telah memberikan dukungan dan motivasi baik dalam penyelesaian Tugas Akhir ini.
2. Bapak Dr. Joan Santoso, S.Kom., M.Kom., selaku dosen pembimbing yang telah banyak memberikan arahan, koreksi, serta saran kepada penulis selama penyusunan Tugas Akhir ini. Juga dukungan dan pengertiannya selama kesulitan penyusunan dilaksanakan.
3. Asisten Pusat Studi Angkatan 2018, Asisten Tetap Laboratorium Komputer ISTTS angkatan 2017, 2018, dan 2019, kelompok belajar kelas A dan C angkatan 2018 yang telah memberikan dukungan dan motivasi selama penyusunan Tugas Akhir kepada penulis.
4. Dan kepada semua pihak yang tidak dapat disebutkan satu persatu yang telah banyak membantu dalam penyelesaian Tugas Akhir ini.

Demikian skripsi ini yang penulis buat dan semoga dapat bermanfaat bagi penulis pada khususnya dan pembaca pada umumnya. Sangat disadari dalam penyusunan Tugas Akhir ini masih terdapat kekurangan karena keterbatasan pengetahuan, pengalaman, dan waktu penyusunan. Sehingga kritik dan saran yang bersifat membangun sangat diharapkan demi kesempurnaan karya tulis ini. Akhir kata dengan segala kerendahan hati penulis mohon maaf kepada semua pihak atas segala kekurangan dan kesalahan yang mungkin pernah diperbuat baik itu disengaja maupun tidak disengaja. Semoga Tugas Akhir ini dapat memberikan manfaat bagi para pembaca. Semoga Tuhan yang Maha Esa selalu memberkati dan menyertai kita semua. Amin.

Surabaya, Juni 2022

Penulis

# DAFTAR ISI

SURAT PERNYATAAN KEASLIAN iii

ABSTRAK iv

ABSTRACT v

KATA PENGANTAR vi

DAFTAR ISI vii

DAFTAR TABEL ix

DAFTAR ALGORITMA x

DAFTAR SEGMEN PROGRAM xi

DAFTAR RUMUS xii

BAB 1 PENDAHULUAN 1

1.1 Tujuan 1

1.2 Ruang Lingkup 1

1.3 Sistematika Pembahasan 2

BAB 2 TEORI PENUNJANG 3

2.1 HTML 5 3

2.1.1 Canvas 3

2.2 Kinnect II 6

DAFTAR GAMBAR

Gambar Halaman

[Gambar 2.1 Logo ISTTS 4](#_Toc96543613)

[Gambar 2.2 Gambar Ketiga 4](#_Toc96543614)

2.1 Pola Ukuran 6

2.2 Paragraf 8

2.3 Contoh Penulisan 10

* 1. Kutipan Satu Paragraf 12

# DAFTAR TABEL

Tabel Halaman

2.1 Pola Ukuran 6

2.2 Paragraf 8

2.3 Contoh Penulisan 10

2.4 Kutipan Satu Paragraf 12

# DAFTAR ALGORITMA

Algoritma Halaman

2.1 Pola Ukuran 6

2.2 Paragraf 8

2.3 Contoh Penulisan 10

2.4 Kutipan Satu Paragraf 12

# DAFTAR SEGMEN PROGRAM

Segmen Program Halaman

2.1 Pola Ukuran 6

2.2 Paragraf 8

2.3 Contoh Penulisan 10

2.4 Kutipan Satu Paragraf 12

# DAFTAR RUMUS

Rumus Halaman

2.1 Pola Ukuran 6

2.2 Paragraf 8

2.3 Contoh Penulisan 10

2.4 Kutipan Satu Paragraf 12

BAB 1

# PENDAHULUAN

Video provides a powerful way to help you prove your point. When you click Online Video, you can paste in the embed code for the video you want to add. You can also type a keyword to search online for the video that best fits your document.

## Tujuan

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## Ruang Lingkup

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To make your document look professionally produced, Word provides header, footer, cover page, and text box designs that complement each other. For example, you can add a matching cover page, header, and sidebar. Click Insert and then choose the elements you want from the different galleries.

Themes and styles also help keep your document coordinated. When you click Design and choose a new Theme, the pictures, charts, and SmartArt graphics change to match your new theme. When you apply styles, your headings change to match the new theme.

Save time in Word with new buttons that show up where you need them. To change the way a picture fits in your document, click it and a button for layout options appears next to it. When you work on a table, click where you want to add a row or a column, and then click the plus sign.

Reading is easier, too, in the new Reading view. You can collapse parts of the document and focus on the text you want. If you need to stop reading before you reach the end, Word remembers where you left off - even on another device.

## Sistematika Pembahasan

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* BAB I : PENDAHULUAN

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* BAB II : TEORI PENUNJANG

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BAB II

# TEORI PENUNJANG

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## HTML 5

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### Canvas

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Gambar 2.1  
Logo ISTTS

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Gambar 2.2  
Gambar Ketiga

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#### 3D

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|  |  |  |
| --- | --- | --- |
| Tabel 2.1  Tabel Contoh Data Jurusan iSTTS | | |
| No | Kode | Nama |
| 1 | 01 | D3-Informatika |
| 2 | 10 | S1-Elektro |
| 3 | 11 | S1-Informatika |
| 4 | 12 | S1-Industri |
| 5 | 18 | S1-Sistem Informasi |
| 6 | 17 | S1-Design Komunikasi Visual |
| 7 | 21 | S2-Teknologi Informasi |

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## Kinnect II

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|  |  |
| --- | --- |
| Tabel 2.2  Tabel Contoh Aktifitas Mahasiswa | |
| No | Nama |
| 1 | Badan Eksekutif Mahasiswa |
| 2 | Himpunan Mahasiswa |
| 3 | Unit Kegiatan Mahasiswa |
| Tabel 2.2  (Lanjutan) | |
| No | Nama |
| 4 | Unit Kegiatan Kerohanian |
| 5 | Berbagai Macam Kepanitiaan |

Video provides a powerful way to help you prove your point. When you click Online Video, you can paste in the embed code for the video you want to add. You can also type a keyword to search online for the video that best fits your document.

Video provides a powerful way to help you prove your point. When you click Online Video, “you can paste in the embed code for the video you want to add. You can also type a keyword to search online for the video that best fits your document”.

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