

Master Thesis

**SDN based Network Management in Emulated environment**

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| Date of start: | 01.05.2022 |
| Date of submission: |  |

Statement

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# Introduction

## Mininet

## GNS3

# Theoretical Background

# Requirements Analysis

# Realization

## With Mininet

## With GNS3

## Installation Problem faced

## Use Cases

### Multiple Controllers

### IPv6

# Summary and Perspectives

# Abbreviations

**0**

…

**3**

3GPP Third Generation Partnership Project

…

**A**

…

**G**

GSM Global System for Mobile communications

GUI Graphical User Interface

GW Gateway

**H**

HSS Home Subscriber Server

HTML Hypertext Mark-up Language

HTTP Hypertext Transfer Protocol

…

**Z**

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# References

# Appendix