

**Bachelor of Computer Science**

**(Digital System Security)**

CSCI321 – Final Year Project

System Architecture Document

**Project Particulars**

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| --- | --- |
| Supervisor | Dr Ta Nguyen Binh Duong |
| Project Group | SS18/1F |
| Project Title | Two Factor Authentication |

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**A secure file locking application**

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# Introduction

This document describes the architecture of go2FA system.

It describes:

* General description of the system
* Logical architecture of the software, layers and top-level components
* Physical architecture of the hardware on which runs the software
* Justification of technical choices made
* Traceability between architecture and system requirements

# Software Architecture

## Architecture Overview

The system works in both web and mobile(Android) environment. User may carry their mobile devices along with them where he may wish to go hence the system

## Architecture Design Patter

### Why MVP pattern?

## Logical Architecture Overview

### Layer Diagram

### Logical Design Qualities

## Physical Architecture

### Physical Architecture Overview

### Deployment Diagram

# System Architecture Qualities

## Extensibility

## Maintainability

## Performance

## Usability

## Compatibility

## Security

# Database Design

# Appendix A: Glossary

# References