## Introduction

This is the server slide report for CAB230 assessment. This server slide application has implemented all requirement. The table below shows the completion of the application

|  |  |
| --- | --- |
| **End point** | **states** |
| /register | DONE |
| /login | DONE |
| /search | DONE |
| /offences | DONE |
| /areas | DONE |
| /ages | DONE |
| /genders | DONE |
| /years | DONE |
| **Non-functional Requirement** | **States** |
| https | DONE |
| Password hashed | DONE |

## Technical description

|  |  |
| --- | --- |
|  |  |
| NodeJs | JavaScript environment http server |
| Express | Nodejs web framework for building API |
| Sequelize | Nodejs promise-based ORM |
| Bcrypt | Password hashing function for protecting passowords |
| Helmet | Express HTTPS security header. Increase the security of the express |
| Json web token (JWT) | RFC 7519 standard authorization token signature signed by private key |
| Mysql | Open-source relational database management system |

## Security

JWT

Hashed password

Helmet header

https

## Testing and limitation

## References

## Appendix