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Assignment II – Preventing Web Application Vulnerabilities

CPS 499-02/592-02

Software/Language Based Security

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# Task 0: Web Administration – Preparation

## Database Setup

### Imported the database and created a new user

Text, letter

Description automatically generated

Text, letter

Description automatically generated

**Figure 1: The database**

### Demonstration

Text

Description automatically generated

**Figure 2: classes/db.php**

## Deployment

### Using IP Address

Graphical user interface, text, application

Description automatically generated

**Figure 3: http://192.168.56.101/www.myblog.com/**

### With local domain name

#### SEEDVM

Graphical user interface, application

Description automatically generated

**Figure 4:** [**http://krimpenforte1.myblog.com/**](http://krimpenforte1.myblog.com/) **on the VM**

#### Personal Computer

Graphical user interface, text, application

Description automatically generated

**Figure 5:** [**http://krimpenforte1.myblog.com/**](http://krimpenforte1.myblog.com/) **on the Mac**

## Misconfiguration Security

### Deleted the database file (blog.sql)

Graphical user interface, text, application, website

Description automatically generated

**Figure 6:** [**http://krimpenforte1.myblog.com/blog.sql**](http://krimpenforte1.myblog.com/blog.sql) **not found**

### Changed default username and password

A picture containing diagram

Description automatically generated

**Figure 7: Users available**

**Graphical user interface, text, application

Description automatically generated**

**Figure 8: can log in with** [**krimpenforte1@udayton.edu**](mailto:krimpenforte1@udayton.edu)

## HTTPS Setup

### Certificate was made

Graphical user interface

Description automatically generated

**Figure 9: Certificate Details**

### Deployment was done

Graphical user interface, text, application

Description automatically generated

**Figure 10: Site has https and the footer has been changed**

## Repository

Graphical user interface, application, Teams

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**Figure 11: Footer was changed**