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| **Document title** | **Notes System** |
| **Document reference number** | **UEL -** |
| **Project name** | **UNISA e-Content 20140363** |
| **Unisa Department** | **Department of Economics** |

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Document sign-off

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Revision history

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| Revision | Compiler | Purpose | Change Summary |
| <yyyymmdd> | Name Surname | Document Created,  Internal Review,  External Review,  etc | Initial release,  Updates based on internal review,  Updates to section xxx,  etc |
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# Description of component

# The notetaking system, is a component which aims mainly to interact with the storyline, the e-portfolio. Our note taking system is implemented in Laravel. It has first of all some basics function such as the creation of new note, editing new note, store note, add tags, share your note etc..

# How to Install the SMS-Email Component

Ensure the below requirements are met before installing.

PHP >= 5.6.4, Will need to be usable from the command line.

PHP Extensions: OpenSSL, PDO, MBstring, Tokenizer, GD, MySQLND, Tidy

MySQL >= 5.6

Git (Not strictly required but helps manage updates)

Composer

This project currently uses the release branch of the Notesystem GitHub repository as a stable channel for providing updates. The installation is currently somewhat complicated and will be made simpler in future releases. Some PHP/Laravel experience will currently benefit.

1) Clone the release branch of the BookStack GitHub repository into a folder.

2) git clone https://github.com/EonConsulting/NOTESYSTEM.git --branch release --single-branch

3) cd into the application folder and run composer install.

4) Copy the .env.example file to .env and fill with your own database and mail details.

5) Ensure the storage, bootstrap/cache & public/uploads folders are writable by the web server.

6) In the application root, Run php artisan key:generate to generate a unique application key.

7) If not using Apache or if .htaccess files are disabled you will have to create some URL rewrite rules as shown below.

8) Set the web root on your server to point to the Notesystem public folder. This is done with the root setting on Nginx or the DocumentRoot setting on Apache.

9) Run php artisan migrate to update the database.

10) Done! You can now login using the default admin details [admin@admin.com](mailto:admin@admin.com) with a password of password. It is recommended to change these details directly after first logging in.

URL Rewrite rules

Apache

Options +FollowSymLinks

RewriteEngine On

RewriteCond %{REQUEST\_FILENAME} !-d

RewriteCond %{REQUEST\_FILENAME} !-f

RewriteRule ^ index.php [L]

Nginx

location / {

try\_files $uri $uri/ /index.php?$query\_string;

}

# How to use Notes System Component

To use you will need PHPUnit installed and accessible via command line. There is a mysql\_testing database defined within the app config which is what is used by PHPUnit. This database is set with the following database name, user name and password defined as bookstack-test. You will have to create that database and credentials before testing.

The testing database will also need migrating and seeding beforehand. This can be done with the following commands:

php artisan migrate --database=mysql\_testing

php artisan db:seed --class=DummyContentSeeder --database=mysql\_testing

Once done you can run phpunit in the application root directory to run all tests.