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Advanced Database Systems

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This is a preliminary login system employed in the project which doe client side input sanitization so as to lower the risk to the backend from undue security vulnerabilities.

An unauthorised user cannot directly login as shown he

Welcome! m_t@gmail.com

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re

Most of the testing was done through exhaustive searching of bugs and errors in the code.

However, here is an automated test case from the project:

```
from django.test import TestCase
from bookApp.models import Book

class BookTestCase(TestCase):
    def test_create(Model):
        b1 = Book(isbn=123123,title='random',author="James Potter",
publisher = models.ForeignKey(Publisher,on_delete=models.CASCADE),
year = 1231, price = 12, num_sold =29)

    def sell_one_book(TestCase):
        #randomly select and update
        select_warehouse()
        assert Book.objects.all().count == TestCase.num_sold + 1
```

The use of drop down menu improves efficiency of developing .

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