

Database Unit Tests

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1 Null Testing

1.1 Summary

When inserting all 'null' values into the database, the database should reject it.

1.2 Example Test Input

```
INSERT INTO Companies (ID, cName, StockID) VALUES (null, null, null)
```

1.3 Expected Output

We expect the database to reject insertions where every field is a null value.

We also expect the database to reject null inputs on fields with not-null constraints placed on them (primary/foreign keys, other fields based on business rules).

1.3.1 Expected Exceptions

SQLAlchemy

`DataError`

2 Other Test When We Decide