

maybe single responsibility

```
DataBase db = new DataBase();
String id = txtId.getText();
String name = txtName.getText();
String category = txtCategory.getText();
String brand = txtBrand.getText();
float cost = Float.parseFloat(txtCost.getText());
float price = calculatePrice(cost);
int stock = Integer.parseInt(txtStock.getText());

db.createDocument(id, name, category, brand, cost, price, stock);

private void btnModifyActionPerformed(java.awt.event.ActionEvent evt) {
    DataBase db = new DataBase();
    String id = txtId.getText();
    String name = txtName.getText();
    String category = txtCategory.getText();
    String brand = txtBrand.getText();
    float cost = Float.parseFloat(txtCost.getText());
    float price = calculatePrice(cost);
    int stock = Integer.parseInt(txtStock.getText());

    db.modifyDocument(id, name, category, brand, cost, price, stock);
}
```

is single responsibility

```
private void btnSearchActionPerformed(java.awt.event.ActionEvent evt) {
    DataBase db = new DataBase();
    String id = txtId.getText();
    db.readDocument(id);
}

private void btnDeleteActionPerformed(java.awt.event.ActionEvent evt) {
    DataBase db = new DataBase();
    String id = txtId.getText();

    db.deleteDocument(id);
}

private void btnNewActionPerformed(java.awt.event.ActionEvent evt) {
    emptyFields();
}

public class MongoDB {
    MongoClient mongoClient;
    MongoDatabase database;
    MongoCollection<Document> collection;

    public void connect(String collections) {
        String uri = "mongodb://phoreno:phoreno@cluster0.mongodb.net/?retryWrites=true&w=1";
        String db = "FerrInventory";
        mongoClient = MongoClient.createFromURI(uri);
        database = mongoClient.getDatabase(db);
        collection = database.getCollection(collections);
    }

    public MongoDatabase getDatabase() {
        return database;
    }

    public MongoCollection<Document> getCollection() {
        return collection;
    }
}
```