

WS37 MVC

.DOCX

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VILLARROEL BARRENO JUSTIN JOSHUA

19.2/40

Keyboard: Read

KeyboardStore: mongodb+srv://J oshSy01:060903@cluster0.2szltx.mongodb.net/test

Inspector: Yaranga Leonardo

Q61-70

RUBRIC

Class Diagram

view	0.70/1 (-0.1No widgets 3*)
controller	0.8/1 (-0.1 no method,-0.1 no mongoDbmanager)
model	1/1
utils	0/1
Dependencies	0.7/1(-0.1Less "use" 2*,-0.1Less one dependency)

GUI Design

Menu	2.5/2.5
Form	0/2.5 (Because no have any table)
TOTAL	5.7/10

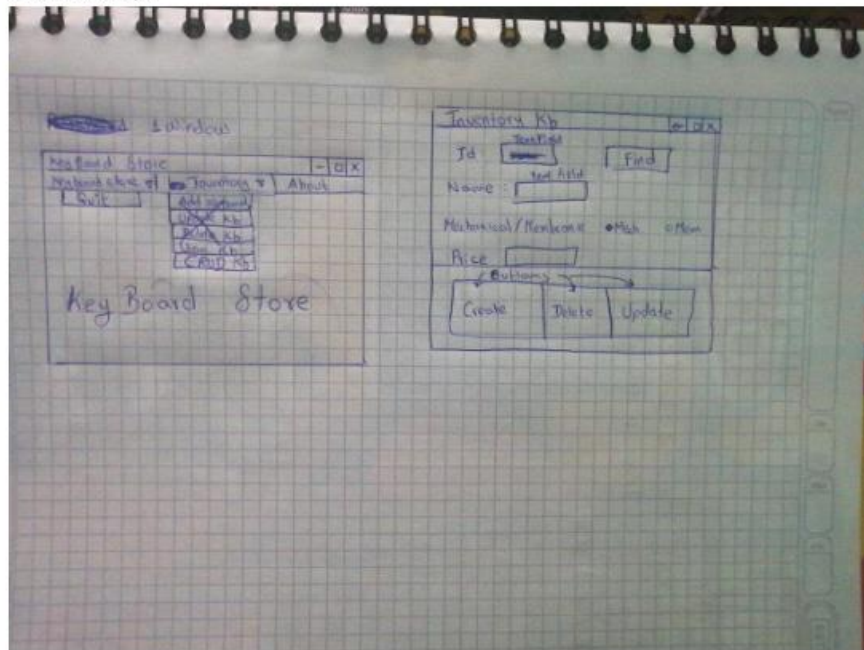
EVIDENCE

Class Diagram

```

classDiagram
    package ec.edu.espe.keyboardStore.view {
        class FrmKeyboardStore
        class FrmInventory {
            +addKeyboard()
            +deleteKeyboard()
            +updateKeyboard()
            +viewKeyboard()
        }
        class FrmAbout
    }
    package ec.edu.espe.keyboardStore.model {
        class Keyboard {
            -id : int
            -name : String
            -mechanicalOrMembrane : String
            -price : float
        }
    }
    package ec.edu.espe.keyboardStore.controller {
    }
    FrmInventory ..> Keyboard
    
```

GUID Mockups



Q71-100

RUBRIC

MVC: 6 /5 pts

model + class	2/2
view + class	2/2
controller + class	2/2
utils	0/1

GUI implementation: 1/5 pts.

- read all: 3 cols + menu + button = 0/5 (made the wrong choice *create*)(But have the button *find*)

DB implementation: .. 2/5 pts.

- compass : 1/1 dbname + 1/1 collection name + 3 fields = 2/5 (made the wrong choice *create*)

Data persistence: 0/10 pts.

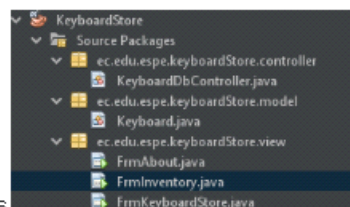
read from MongoDB Atlas insert data using compass then run 0 or 10 (made the wrong choice *create*)

Clean code: 4.5/5 pts.

TOTAL: 13.5 /30 pts.

EVIDENCE

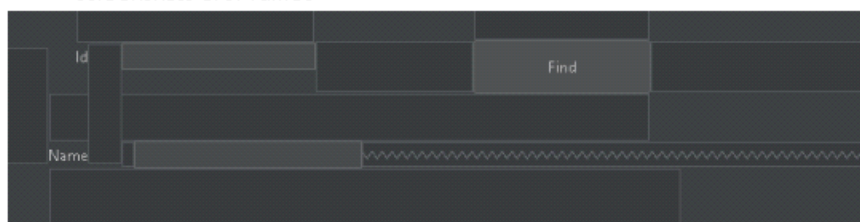
MVC:



Projects in Netbeans

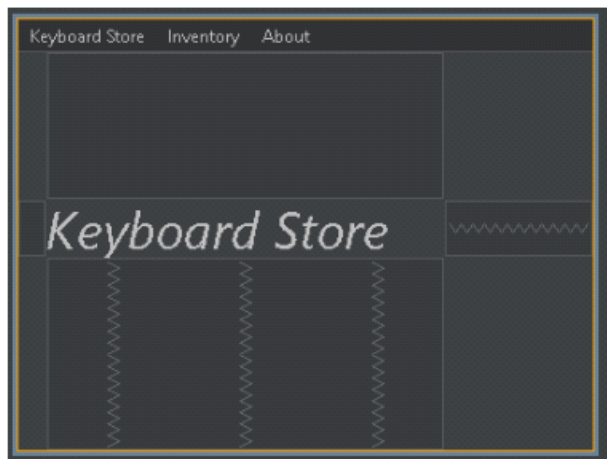
GUI implementation: .. 5 pts.

screenshots of JFrames



screenshots of JFrames

This screenshot shows a JFrame window with a dark theme. It contains several input fields and buttons. At the top, there's a 'Find' button. Below it, there are input fields for 'Id', 'Name', and 'Price'. There are also radio buttons for 'Mechanic' and 'Membrane'. At the bottom, there are three buttons: 'Create', 'Delete', and 'Update'.



DB implementation

DB implementation

```

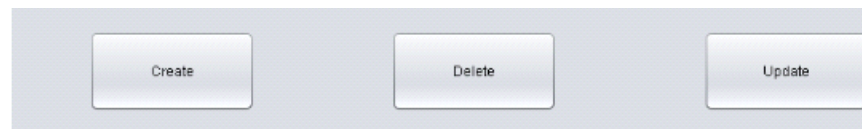
_id: ObjectId('63c55fbd4dafec1c4d41afcf')
id: 1
name: "efefef"
mechanicOrMembrane: "Mechanic"
price: 5.659999847412109
status: "done"

```

- compass

Data persistence:
JFrame with information, Compass

This screenshot shows a JFrame window titled 'JFrame with information, Compass'. It contains a form with input fields for 'Id', 'Name', and 'Price'. There are also radio buttons for 'Mechanic' and 'Membrane'. At the top right, there is a 'Find' button. At the bottom, there are three buttons: 'Create', 'Delete', and 'Update'.



Compass, JFrame with information
Clean code:

(Unused Variable)

```
Source Packages
ec.edu.espe.keyboa 212
KeyboardDbCor 212
ec.edu.espe.keyboa 214
Keyboard.java 214
ec.edu.espe.keyboa 216
FrmAbout.java 216
FrmInventory.java 217
FrmKeyboardStr 218

// (ex).getText().trim()
JOptionPane.showM
}else{
int idFinder;
Keyboard keyboard
idFinder = Integer
//
tf2.setText( "key
tf3.setText( "Fl
```

41 YARANGA SUQUILLO LEONARDO JAVIER

Cruisehip:

mongodb+srv://yaranga.tortilla@espe2210-oopsw7996.77wv341.mongodb.net/test

Cruise Ships: Create

Inspector: Cristian Acalo

Q61-70

RUBRIC

Class Diagram	
view	0/1 (No attributes, no respective events)
controller	0/1 (Empty classes)
model	1/1
utils	1/1
Dependencies	0.8/1 (Just dependencies was needed)
GUI Design	
Menu	2.5/2.5
Form	2.5/2.5
TOTAL	7.6/10

Q71-100

RUBRIC

MVC:.....	5/5 pts
model + class	2/2
view + class	1/2 (A frame is unused)
controller + class	1/2 (A controller is empty)
utils	1/1

GUI implementation: 5/5 pts.

- Create: 3 widgets + button + menu = 5

DB implementation: 5/5 pts.

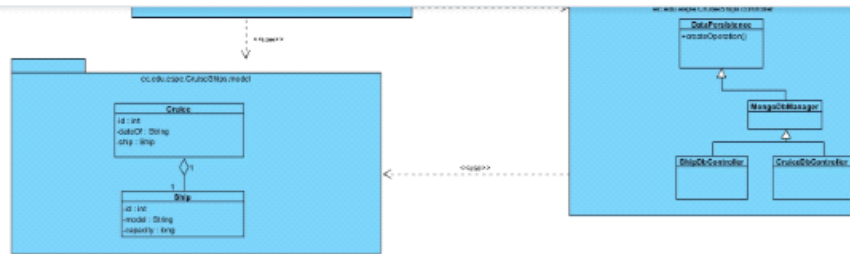
- compass : dbname + collection name + 3 fields = 5 ptos

Data persistence: 10/10 pts.

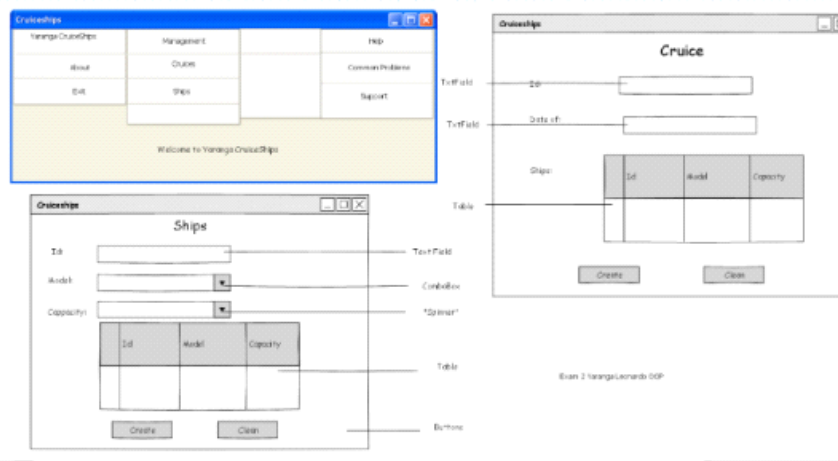
inserts into MongoDB Atlas insert data then view in MongoDB 0 or 10

Clean code: 4.5 pts. (-0.5 method loadFromDatabase is not used)

TOTAL 29.5/30

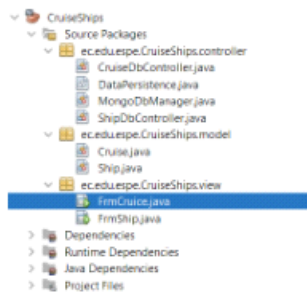


GUID Mockups

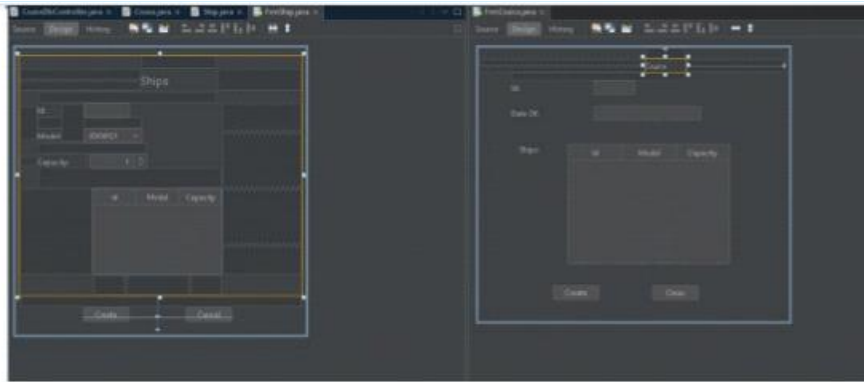


Q71-100

MVC:



GUI implementation: 5 pts.



DB implementation
- compass



Data persistence:



```
_id: ObjectId('63cf5a891d51e34bb37e5b4')
id: 12345
model: "IWQDQMS"
capacity: 51
```

Clean code:

(empty class)

```
public class CruiseDbController {
}
```

(death code, is not used)

```
public static ArrayList<Ship> readFromDatabase(ArrayList<Ship> objects, MongoDB database, String collectionName) {
    Gson gson = new Gson();
    for (int i = 0; i < objects.size(); i++) {
        objects.remove(i);
    }
    MongoClient mongoClient = database.getClient();
    MongoCollection<org.bson.Document> objectsCollection = mongoClient.getCollection(collectionName);
    FindIterable<org.bson.Document> result = objectsCollection.find(new Filters.Gt("id", 0));
    result.forEachId(id -> objects.add(gson.fromJson(mongoClient.toJson(id), Ship.class)));
}
```