QA: IMS PROJECT

USAMA MALIK

INTRO

CONSULTANT JOURNEY



AGILE

Maven*

JAVA

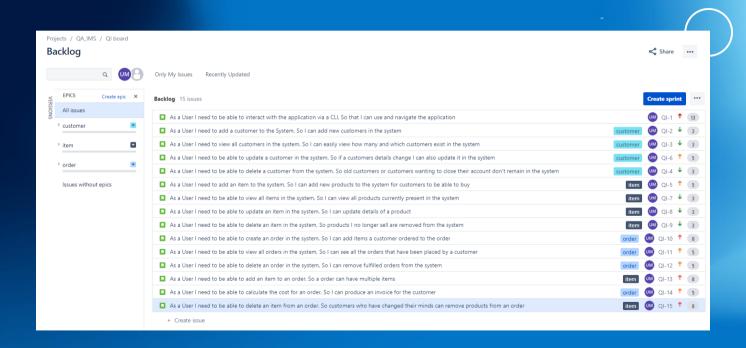
REINFORCEMENT OF KNOWN KNOWLEDGE **AGILE**

READY FOR PROFESSIONAL ENVIRONMENT

MAVEN

PROJECT STRUCTURE & TESTING

PRELIMINARY WORK

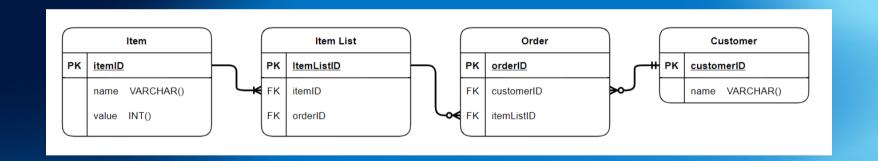


PRELIMINARY WORK





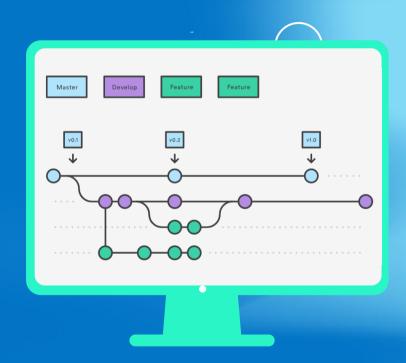
PRELIMINARY WORK





CI – CONTINOUS INTEGRATION





ACKNOWLEDGEMENTS

IMS STARTER - BY CHRIS PERRINS

https://github.com/christophperrins

TABLE OUTPUT - BY LOGICBIG.COM

https://www.logicbig.com/how-to/code-snippets/jcode-java-cmd-command-line-table.html

INITIAL PROBLEMS

BEFORE

```
public Double getDouble() {
    String input = getString();
    Double doubleInput = null;
    do {
        try {
            doubleInput = Double.parseDouble(input);
        } catch (NumberFormatException nfe) {
            LOGGER.info("Error - Please enter a number");
        }
    } while (doubleInput == null);
    return doubleInput;
}
```

AFTER

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INITIAL PROBLEMS

```
What is your username
wrongUser
What is your password
wringPassword
Wrong credentials!
What is your username
```

TESTING

UNIT TESTING TECHNOLOGY



WHAT WAS TESTED?

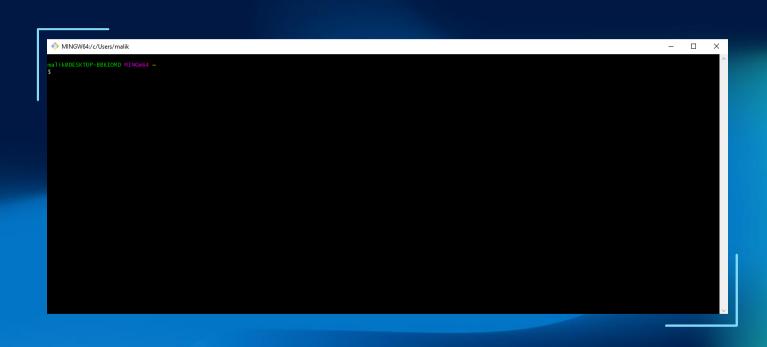
CONTROLLER CLASSES



ALL DATABASE INTERACTIONS

DEMO TIME!

WORKING DEMO OF IMS PROJECT



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SPRINT REVIEW









CUSTOMER
ALL CUSTOMER
USER STORIES
INTO ONE
SPRINT

ITEM

ALL ITEM USER STORIES INTO ONE SPRINT **ORDER**

ALL ORDER USER STORIES INTO ONE SPRINT

MISCELLANEOUS

ALL OTHER USER
STORIES +
ADDITIONAL
UNFORSEEN TASKS

SPRINT RETROSPECTIVE

- Agile method helped me stay on track
- Provided priority indicator to all parts of the project
- Finished well in time

- Didn't actively manage JIRA board towards the end of project
- Requires a lot of preliminary work which I was not used to

CONCLUSION

FUTURE DEVELOPMENT

IMS + GUI

1 The Coffee Break: COFFEES Table				
COF_NAME	SUP_ID	PRICE	SALES	TOTAL
Colombian	101	7.99	0	0
Colombian_Decaf	101	8.99	0	0
Espresso	150	9.99	0	0
French_Roast	49	8.99	0	0
French_Roast_Decaf	49	9.99	0	0
Coffee Name: Enter new coffee name				
Supplier ID:		101		
Price:		0		
Sales:		0		
Total Sales:		0		
Add row to table		Update database		
Discard changes				

THANKYOU! QUESTIONS?