1. Paper submission (03-06-2016)
2. Paper notification – Minor Revision (10-06-2016)
3. Paper re-submission (15-06-2016)
4. Paper accepted for publication (20-06-2016)

1. Paper Submission (03-06-2016)

Paper for IOSR-JCE

Editor IOSR-JCE <iosr-jce@iosrjournals.org>   Fri, Jun 3, 2016 at 6:15 PM
To: Leo Willyanto <leow@petra.ac.id>

Dear Leo Willyanto Santoso,

      Thank you for submitting your article "Back Office E-Commerce Application for X Store" towards IOSR-JCE July-August 2016 edition. The manuscript will go peer and formal review rounds within IOSR-JCE reviewers' network. Review process will take around a week and result will be notified accordingly.

Feel free to contact us for any inquiry.

Regards,
Editorial-in-Chief,
Journal of Computer Engineering
www.iosrjournals.org
[Quoted text hidden]

2. Paper Notification – Minor Revision (10-06-2016)

IOSR-JCE Vol. 18 (4) Jul-Aug 2016 Ed.: Letter of Acceptance

Editor IOSR-JCE <iosr-jce@iosrjournals.org>   Fri, Jun 10, 2016 at 1:26 PM
To: Leo Willyanto <leow@petra.ac.id>

Dear Leo Willyanto Santoso,

We are delighted to inform that your research paper has been "**Accepted for Publication**" in IOSR Journal of Computer Engineering **Vol. 18 (4)**, **Jul-Aug 2016 Ed**.

Paper Title: Back Office E-Commerce Application for X Store

All the selected papers will be published in the website of IOSR with initial indexing with Google Scholar, CiteSeer, DOAJ (Directory of Open Access Journals), Electronic Journal Library, and, Index Copernicus.

Regards,
Editorial-in-Chief,
Journal of Computer Engineering
www.iosrjournals.org

 3 attachments

IOSR-JCE Template.doc
539K

IOSR copyright.doc
102K

Revision .pdf
265K

3. Paper re-submission (15-06-2016)

IJSEA Volume 5 Issue 1 January-February 2016 Edition: Letter of Acceptance

Leo Willyanto <leow@petra.ac.id>
To: Editor IOSR-JCE < iosr-jce@iosrjournals.org >

Wed, Jun 15, 2016 at 5:21 PM

Dear Editor of IOSR-JCE,

Attached are my paper and copyright form.

Thank you and best regards,
Leo W. Santoso
[Quoted text hidden]

2 attachments

IOSR-JCE - Leo.doc
1721K

IOSR-JCE copyright form.pdf
95K

IOSR-JCE Vol. 18 (4) Jul-Aug 2016 Ed.: Letter of Acceptance

Dear Leo Willyanto Santoso,

I am pleased to inform you that we would like to move forward with publishing your manuscript. Your article will be put in our website within this week.

Thank you for considering ISOR-JCE as a place to disseminate your research.

Regards,
Editorial-in-Chief,
Journal of Computer Engineering
www.iosrjournals.org

Back Office E-Commerce Application for X Store

Hans Kurniawan[1], Leo Willyanto Santoso[2], Alexander Setiawan[3]

[1](Informatics Business System, Petra Christian University, Indonesia)
[2,3](Informatics Engineering, Petra Christian University, Indonesia)

Abstract: *X store is a company which their focus on sales computer accessories. In doing their business process, all sales recorded manually. Their sales using whatsapp, BBM and email for online services. The sales department had hard time to maintain their customer one by one manually. Based on this background, application designed to overcome the problems.Application was build base on website that can be accessed by sales department to maintain their sales. This will help to maintain order, when customer take an order, system will automatically check the item available or not. After that, sales department will change the status of order and customer will received and email for confirmation. Also, this application generates sales report, delivery report and stock report for manager. The website was build using PHP as the programming and MySQL databases.*

Keywords: *E-Commerce, Sales Report, Delivery Report, Stock Report*

I. Introduction

X Store is a company that works on sales accessories computer. This company open a shop at Salatiga. Beside open a shop, they can be contacted using BBM, Whatsapp and email. After customer ordering items, sales department will checked their order and payment. After that, they will packaging and send the item. Time by time, their online sales increase rapidly, and sales department got hard time to deal with. So, X store try to use website to maintain sales. The website can help customer to got email confirmation step by step on their order. Also help manager to generate sales report, delivery report and stock report.

E-commerce is one function of internet and website can be used to business. Transaction is based on digital between company and customer.[1]

Data Flow Diagram (DFD) gives information about graphic data flow from a company. DFD divided on some level. The highest level is context diagram. This diagram explain overall company system.[3]
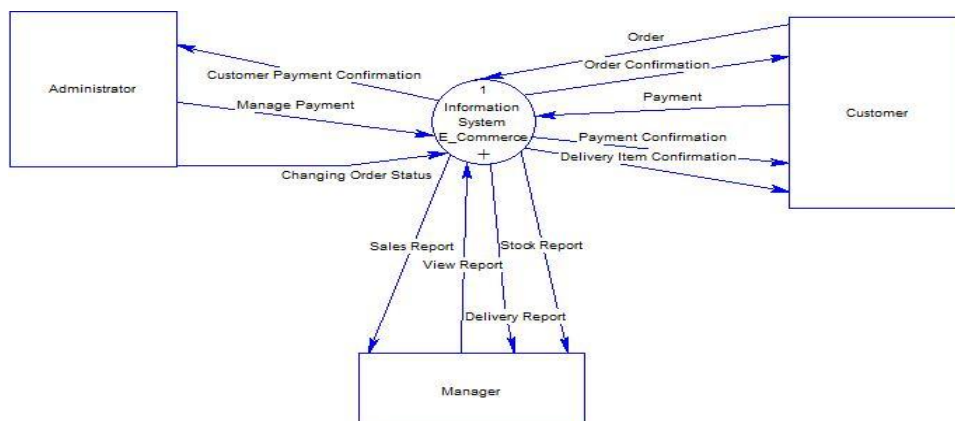
PHP is programming language that used to create a website. PHP is one of flexible programming language. With PHP, web developer created intregrated website with markup HTML. PHP give unlimited control on web server.[2]

MySQL is a open source database management system. MySQL can handle more than thousand table and a billion database. SQL referred to Structured Query Language based on English language and used to other database like Oracle and Microsoft SQL.[2]
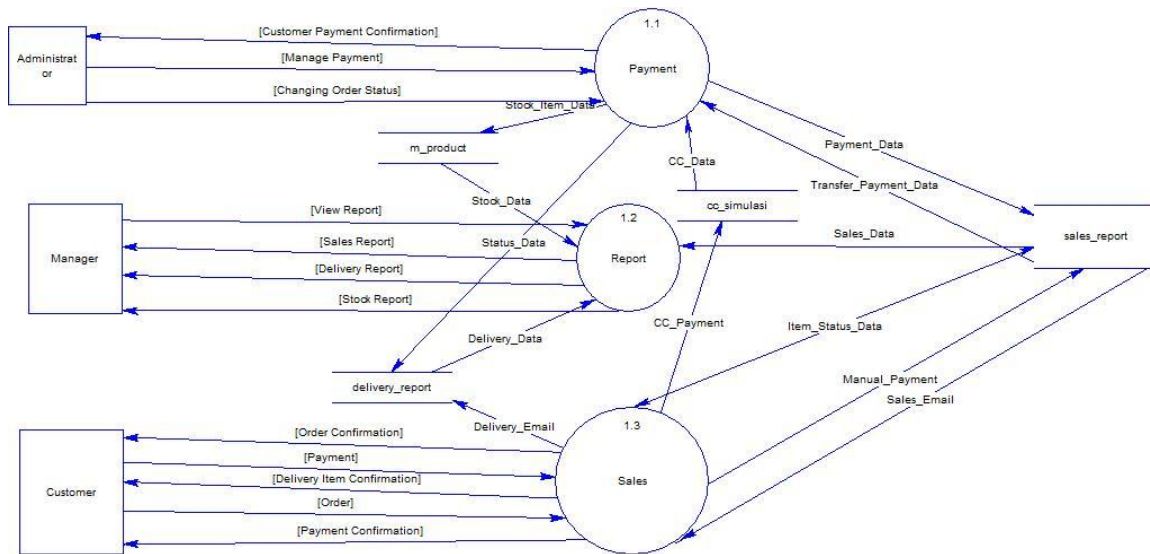
II. Materials and Methods

- **Context Diagram**

Context diagram describe overall company system. In Information System E-Commerce, there is 3 entity, manager, administrator and customer. Manager is the one who received report, administrator as sales department, and customer as buyer. Context diagram can be seen at Picture 1.

Picture1. Context Diagram
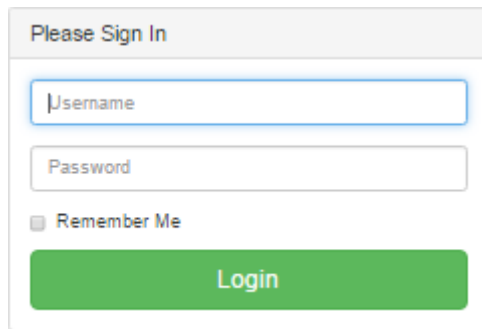
- **DFD Level 0**

DFD Level 0 describe detail each process in company. There is 3 process in Information System E-Commerce, sales, report, and payment. DFD Level 0 can be seen at Picture 2.

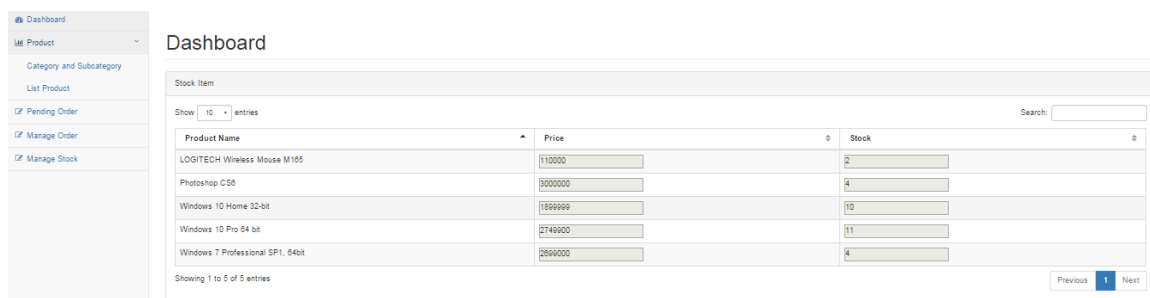**Picture2.** DFD Level 0

- **Login**

In this website, there is login system you can choose between administrator and manager. Form login can be seen at Picture 3.

Picture 3. Form Login

- **Dashboard**

Dashboard administrator can be use to see how many stock less than 20. So admin can restock which item that need to. Dashboard administrator can be seen at Picture 4.

Picture 4. Dashboard Administrator

- **Category and Sub Category**

Manage category and subcategory is used for add type and description of product of the website. Pages management category and subcategory can be seen at Picture 5.

Picture 5. Management Category and Subcategory

- **List Product**

This page is used for add product. Administrator can input product name, product description, weight, price and stock the company have. Management product can be seen at Picture 6.

Picture 6. Management Product

- **Pending Order**

Pending order is used when customer buy items more than stock they have, so example when company website have 3 RAM 4GB and customer want to buy 5 RAM 4GB, so they have 2 item at pending order. Administrator have to restock first and choose pending order. Pending order page can be seen at Picture 7.

Picture 7. Pending Orders

- **Manage Order**

Manage order is use when there is customer's orders, administrator have to check their activities start from order, payment, packaging, delivery until transaction done. Administrator can change the status of order, after that customer will received an email from system so customer can check about their order. Manage Order can be seen at Picture 8.

Picture 8. Manage Order

- **Manage Stock**

In this page, administrator use to increase their item stock. Administrator can see product name, price and stock each item they have. When administrator want to restock, they can press button "+" beside the item stock. Manage stock can be seen at Picture 9.

Picture 9. Manage Stock

- **Sales Report**

Manager can access page sales report. In this page, manager can search sales each customer and there is date search for sales report that manager wants to check. Page sales report can be seen at Picture 10. Manager also can print the report with press button "Print Report" at below.

Picture 10. Sales Report

- **Delivery Report**

In this page, manager can check how is delivery going. Manager can monitoring sales date, delivery date, service and cost each delivery. Delivery report pages can be seen at picture 11.

Picture 11. Delivery Report

- **Stock Report**

In this page, manager can check stock each item that company have. Manager also can print their stock report with press button "Print Report" below. Stock report pages can be seen at Picture 12.

Picture 12. Stock Report.

III.   Conclusion

- This application in accordance with company business process
- Each transaction can be monitoring by administrator,customer and manager
- Application gives sales report, delivery report and stock report accordance with reality
- This application sent email confirmation for sales when status change by administrator.

References

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[2].   Nixon, R. (2014). *Learning PHP, MySQL, JavaScript, CSS & HTML5* (3rd ed.). United States: O'Reilly
[3].   Romney, M.B. & Steinbart, P.J. (2012). *Accounting Information Systems* (12th ed.). United States: Pearson Prentice Hall.