**Revision History**

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| --- | --- | --- | --- |
| Date | Version | Action | Prepared By |
| 07/07/2014 | 0.0.1 | Initial Draft | James Singh  Va Yim  Talakisew  Weldu  Yogendra  Md Mojahidul Islam |
| 07/08/2014 | 0.0.2 | Review | Yogendra Pant |
| 07/09/2014 | 0.1.0 | Reviewed and modified | James Singh |

**Scope Detail Document**

**Introduction**

Customer requires selling several **prime branded products** on line using myCompany.com website. He is interested selling branded watches, Ties, Shoes, Pants and Shirts. He has several branded customers, upload their products on line and myCompany.com hosts their products on their web site. MyCompany.com allows credit card and debit cards from all the banks except AMEX. Credit and Debit cards include VISA and MASTER CARDS. The financial part of myCompany.com will be outsourced to myFinance.com. Reports for every week, month, quarter and yearly are generated for the financial purposes.

**Scope Details**

01. Login module

02. Customer Module

03. Vendor Module

04. Admin Module

05. Listener Code

06. Reports Module

07. Listener For Finance and Payment Gateway (Security is mandatory)

08. Product Browsing Module

09. Shopping cart Module

10. Invoice Module

11. Payment Module

12. Receipt generation Module

13. SMTP the delivery details automatically

14. User Friendly Interface

15. Host on Amazon EC2 with Git deployment

**Technologies**

01. PrimeFaces, HTML, CSS, JS

02. Java 7

03. Java EE 7 (JSF, EJB, JPA, RESTful web service)

04. MySQL 5.6.19

05. Glassfish 4.0

06. JUnit

07. Jasper Reports / Crystal Reports

**Tools**

01. NetBean 8.0

02. GitHub

03. Maven

04. Jenkins

05. Mandrill

06. Bootstrap

07. MS Project

**Environments**

01. Ubuntu 14.04 Server OS

02. Hosted on Amazon Web Services Cloud

**Assumptions**

01. User credit amount will be inserted to the database automatically at the time of user registration.

02. Report, invoice and receipt printout format will be in “PDF”

03. There are 5 types of user roles namely “Admin”, “Internal User”, “Vendor”, “Customer” and “Guest”

04. Vendors will be able to insert their products into the system.

05. Sold item revenue will be shared between the vendor and mycompany.com in 70:30 ratio.

06. The admin will create product categories and internal users

07. Buyers without email and/or phone numbers will also be able to purchase product online. If email is not provided, the buyers will not receive invoice and receipt.

**Validations**

01. Only credit card with 16 digits will be accepted.