**DOCUMENT HISTORY AND DISTRIBUTION**

1. **Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| Revision # | Revision date | Description of Change | Author (s) |
| 1.0.1 | 30-10-2014 | Change in the project schedule(requirement analysis time period) | Nazifa, Inan |

1. **Distribution**

|  |  |  |
| --- | --- | --- |
| Recipient Name | Recipient Organization | Distribution Method |
| SABBIR AHMED | ABC company | Hard copy |

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1. **Project Overview**
   1. **BACKGROUND**

ABC Company used to manage their sales, product, and inventory management manually. They have warehouse in Gazipur, sales centre in Bogra and Dhaka and main office in Dhaka. That was costly for them in both timing and man power for document transmission and tracking. So they want to make their system centralized and automated. That’s why they are looking for online solution.

* 1. **PURPOSE / OBJECTIVES**

Main objective is to make an online software. The purpose those this software will serve

* Sales management
* Inventory management
* Collection management
* Product management
* Supplier management
* Customer management
* Sales person management

Main purpose behind making online software

* They have office and warehouse in different location. So they want to make it centralized.
* Top management can access their data anywhere from the world.
  1. **ANTICIPATED BENEFITS**
* Cost effectiveness
* Time effectiveness
* Accessibility
* More effective business analysis by automated data
* Effective and quick decision making.
* Increased accountability.
  1. **SOFTWARE OR TECHNOLOGY PRODUCTS PROPOSED**
* Linux based server(apache)
* MySQL database management system
* Programming language: PHP, JavaScript, HTML, CSS etc.

1. **Detailed Scope**

* 1. **REQUIREMENTS**

ABC company sells product of different ranges. These products are delivered by different customers of different countries to them. After getting the products, they maintain stock in the warehouse .They sell the product to different customers in different areas in Bangladesh. When the salesman comes with the order of customer then with the approval of the head office those products are distributed from different sales centers. After collecting the due the salesman send the payment to their bank account and head office keeps the track of that. By this information head office can keep track of the collection against the customers. Their requirement is to handle all this things automatically and by online software.

The features they want in sales management:

* Record no.
* Sales date
* Customer
* Sales person
* Invoice no
* Chalan no
* Chalan date
* Product
* Sales center
* Quantity

The features they want in inventory management:

* Product name
* Quantity in pack
* Sales center
* Physical stock entry date

The features they want in collection management:

* Date
* Customer name
* Sales person
* Amount
* Payment date
* Payment method
* Check no
* Check bank

The features they want in product management:

* Product name
* Pack size
* Supplier

The features they want in supplier management:

* Supplier name
* Supplier country
* Contact
* Supplier email

The features they want in customer management:

* Customer name
* Contact
* Address
* Sales person
* Customer type
* Opening due

The features they want in sales person management:

* Sales person name
* Address
* Customer assigned
  1. **DELIVERABLES INCLUDED IN SCOPE**
* Softcopy of software installed in live server
* User manual CD
* User manual document
* Software requirement analysis document

1. **Project Schedule**
   1. **PROJECT SCHEDULE**

|  |  |
| --- | --- |
| **MILESTONE OR MAJOR PROJECT DELIVERABLE** | **PLANNED COMPLETION DATE** |
| Requirement analysis completion | 1-11-2014 to 1-12-2014 |
| Design documentation | 2-12-2014 to 2-1-2015 |
| Front end design finalization | 3-1-2015 to 23-1-2015 |
| Back end programming with database design | 24-1-2015 to 24-3-2015 |
| Testing and bug fixing | 25-3-2015 to 15-4-2015 |
| Training | 16-4-2015 to 20-4-2015 |

1. **Project Budget**
   1. **BUDGET COST DETAIL**

|  |  |  |
| --- | --- | --- |
| Work | Man hour | Cost |
| Requirement analysis | 26\*8\*2=416 | 416\*500=208000 |
| Design | 26\*8\*1=208 | 208\*500=104000 |
| Front end design | 18\*8\*1=144 | 144\*500=72000 |
| Back end programming with database design | 52\*8\*3=1248 | 1248\*500=624000 |
| Testing and bug fixing | 26\*8\*2=416 | 416\*500=208000 |
| Training | 26\*8\*2=416 | 416\*500=208000 |

* 1. **SOURCE OF FUNDING**

|  |  |
| --- | --- |
| Requirement analysis | ABC company |
| Design | ABC company |
| Front end design | ABC company |
| Back end programming with database design | ABC company |
| Testing and bug fixing | ABC company |
| Training | ABC company |

1. **Risk Assessment**

|  |  |
| --- | --- |
| **Risk** | **Risk level** |
| Schedule failure | High |
| Team member irregularity | Medium |
| Sudden resignation of team member | High |
| Funding problem | Medium |
| Sudden addition in requirement | Medium |
| Poor communication from client end | High |
| Hardware damage | Low |
| Less skill implementation of team members | Medium |
| Poor understanding of requirement from client end | high |

1. **Approvals**
   1. **APPROVALS**

**PROJECT ROLE NAME SIGNATURE DATE**

**Supervisor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_**

**Appendix - Supporting Documents**

1. Manual stock entry form

2. Sales form

3. Collection form

4. Chalan

5. Invoice