ONLINE SHOPPING PORTAL

Project Plan

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Statement of Work

Project Title –

Online Shopping Portal

Objective **-**

To develop a web application that allows a registered customer to

purchase a variety of products sold online by a list of registered

vendors from any location.

- To provide an easy to use Interface.

Basic Requirements

Customer – Secured registering and managing their profiles.

* Easy navigation through pages.
* Secured Payment gateway.

Vendors - Secured registering and managing their

profiles.

- Add, delete or modify the already posted

items.

Administrator - Authority to approve and reject requests for new items. - Can control customer and Vendors actions.

Deliverables

Web Portal/Application for desktop and mobile environment.

Support Manual also detailing the risks involved.

* Benefits
  + Convenient Shopping.
  + Single Window, Multi-Vendor Retailing.
  + Selection option from different vendors

offering the same

* + product at different prices.
  + Search and sort options for a given product.
  + Simple, easy and secured payment option.
  + Auto fill of Customer data required to be

entered during each payment.

* + Complaint Registration and support.
  + List of recommended products are

displayed to the customer.

Project Scope

Scope – In

* Websites for desktop, which is compatible with IE, Mozilla, Chrome etc.
* Purchase items available in the website.

Scope – Out

* Payment Gateways to be linked through APIs.
* Compatible to all devices

Users – Customers, Sellers, Administrator

Critical Success Factors (CSF)

* Maintaining Backup System
* Terminating the transaction, if linkage to payment gateway is failed.
* Customer and Products information are stored in a Secured Database.

Key Performance Indicators (KPI)

* Handling maximum traffic at any point of time.
* Less number of Clicks, the customer has to perform and less number of pages to reach their desired item and navigation between pages should be easier.

Database Details

* Customer
* Admin
* Inventory
* Shopping Cart
* Order Details
* Transactions
* Order Transaction
* Purchase History
* Credit Card

Technology Used

* Angular JS
* JSP
* Bootstrap
* Spring
* Hibernate
* H2
* CSS
* HTML
* Javascript
* JSON

Risks Involved

* Business Risks
  + Amount and quality of product documentation that must be produced and delivered to the customer.
  + Delivery deadlines.
  + Costs associated with late delivery and defective product.
* Client Risks
  + When working for the first time.
  + Will the customer agree to spend time in formal requirements gathering meetings to identify project scope.
  + Communicating with developers.
  + Understanding of the SDLC process.
* Resource Risks
  + Number of Resources and skillsets.
  + Commitment for entire duration.
* Technology Risks
  + Customer demanding new technology
  + Requirements put excessive performance constraints on the product.