Requirement specification Document

System : 'e-Markt '   **Date :** 14.05.2014

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Priority scale:

1 – Primary

2 – Essential

3- Important

4 – Normal

5 – Additional

Status scale:

* Active

* In process

* Done

Functional requirements:

Requirement No : 01

Name: Domain Name

Description : Register. Domain name should not be in use already. Set-up domain and make it suitable for e-commerce

Status : Active

Priority : 5

Requirement No : 02

Name: Merchant Account

Description : Choose suitable bank for transactions through the shop, based upon the best rate of interests and security.

Status : Active

Priority : 4

Requirement No : 03

Name: Payment gateway

Description : Select gateway to act as bridge between customer and merchant account to handle payments and verification.

Status : Active

Priority : 4

Requirement No : 04

Name: Security connection for the users

Description : Make the web-page secure for encrypted transactions

Status : Active

Priority : 2

Requirement No : 05

Name: E-commerce Application/ online shop

Description :   Setting up the IT infrastructure of the e-commerce site

Status : Active

Priority : 1

Requirement No : 05.1

Name: Information storage

Description : Creating the suitable database structure for storing the information about the products, transactions and users.

Status : Active

Priority : 1

Requirement No : 05.2

Name: Users' history

Description : Creating the suitable representation for the history of users activity and maintaining of their accounts.

Status : Active

Priority : 1

Requirement No : 05.3

Name: Inner search engine

Description : Creating the suitable way to differentiate products in categories based on the price, quality, brand, state and modeling the search engine to work with this classification.

Status : Active

Priority : 1

Requirement No : 05.4

Name: Shipping

Description : Model diverse delivery modes presented for the customer.

Status : Active

Priority : 1

Requirement No : 05.5

Name: Multi-national support

Description : Model a support for the languages of different countries, their currency and specific regulations.

Status : Active

Priority : 1

Requirement No : 06

Name: Site development and maintenance

Description : Find the suitable company for outsource this task. The main parameters for search should be price, time consumption and maintenance contract.

Status : Active

Priority : 3

Requirement No : 07

Name: Outside communication

Description : Modeling the markers for external search engines and the procedure for the data publication

Status : Active

Priority : 4

Requirement No : 08

Name: Finance

Description : Model the procedure for the tax payment for the sellers. Estimate the amount of expenditure on external web-services for our shop

Status : Active

Priority : 1

Requirement No : 08.1

Name: Payment options

Description: The ability to make online payments through the payment gateway and offline payment which will be postponed till the product delivery.

Status : Active

Priority : 1

Requirement No : 09

Name: Warehouses

Description: contain and maintain product storage

Status : Active

Priority : 3

Requirement No : 10

Name: Inventory System

Description: dataBase format containing details of products that come and go

Status : Active

Priority : 2

Requirement No : 11

Name: Employee Management System

Description: manage employee payments, Leave management systems, appointments

Status : Active

Priority : 2

Requirement No : 11

Name: CRM System

Description: maintains customer relationships with the company, handles complaints, requirements

Status : Active

Priority : 2

Requirement No : 12

Name: Reporting and Analytics System

Description: get insights into customer searches to understand the business and market needs better

Status : Active

Priority : 2

Non-Functional requirements :

We are using modeling tool ARIS which provides all necessary non-functional requirements such as scalability, extensibility, security, clearness, completeness, agility, standardization, Integration,Interoperability with contemporary Systems.

Related Documents :

1. Use-Case diagrams

2. ARIS Specification document

Proposed Solution :

Model different process flows in e-commerce (online shop) in ARIS .

Actual Solution :