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

I. Requirements for Astah Use-Cases and Aris Business Process Model Designs -

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 5
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 .01
Name: Employee Management System
Description: manage employee payments, Leave management systems, appointments
Status : Active 6
Priority : 2
Requirement No : 11 .02
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

II. Requirements for publishing model data online (FeatureExtension)

Functional requirements:

Requirement No : 01
Name: Export BPMN.adf model format to .xml format
Description : obtain model/bpmn designs and export to .xml file
Status : Active
Priority : 1

Requirement No : 02
Name: Convert .xml format to .Rdf format
Description : obtain structure of .xml file and use it to create .rdf structure
Status : Active

Priority : 1

Requirement No : 03
Name: Publish .Rdf file online
Description : Publish the .Rdf data online to be used by other consumers
Status : Active
Priority : 2

Functional requirements:

The .Rdf data should maintain the structure of the .xml file , obtained from the model designs. All the xml nodes/attributes should be mapped correctly to the rdf attributes. The presented data should be clear, unambiguous and equivalent to BPMN model design.