MIMOS E-Marketplace Platform (Mi-Market)

An e-marketplace is an online platform that brings together buyers and sellers to communicate, collaborate and conduct business transactions. The ultimate goal of an e-marketplace is to simplify the buying and selling process with hassle-free browsing and transactions. MIMOS Mi-Market provides a web portal platform that promotes trade between buyers and sellers of goods and services.

Overview

MIMOS Mi-Market is an Internet-based marketplace platform that can be customised to suit any industry. It facilitates manufacturers and suppliers to promote and distribute items online. Mi-Market is also equipped with virtual business matching to match suppliers, manufacturers and buyers. This platform allows developers and entrepreneurs to create online marketplaces without heavy investment and sizeable infrastructure.

Features

Mi-Market comprises the following features:

- E-Buy/Sell/Offer
  Notification of new supplies and supplies response, negotiation and request for quotation, online ordering and upcoming offers are conveniently displayed to the user.

- E-Stock Management
  Inventory management and product information updating allows for easy product/goods management.

- E-Payment/Support/Info
  A payment gateway, customer information management and news and announcements from related parties are integrated.

- Enhanced GUI and Tools
  All webpages are designed to be user-intuitive with a lower graphics mode for slow connections. A dashboard with virtual assistant and business matching features further facilitates online transactions.

- Centralised Information
  The latest news and offers coming from the industry are all channelled to the user without having to browse elsewhere for related information.

Technology Benefits

The main impacts of Mi-Market are:

- Customisable E-Marketplace
  Using Mi-Market, developers and entrepreneurs can easily build niche marketplaces with apps and navigational icons to suit any industry in the value chain.

- Intelligent Business Matching
  Employs domain expert’s knowledge stored in ontology to match all businesses in an industry.

- Dynamic Item Update
  Product information that is displayed with comprehensive listings and features can be updated at any time and organised.

- Ensuring Genuine Buyers/Sellers
  Rating management provides assurance to buyers on quality products and trusted sellers thus ensuring a peace of mind.

- Information Warehousing
  Item, shop and customer information are all stored and readily accessible to developers and entrepreneurs that run the platform.

- Global Supply Chain
  The open interaction nature allows broader business-to-business procurement and a stronger supply chain network.

Technology Summary

Mi-Market

An e-marketplace platform that can be customised to suit any industry.

Industries: Enterprise, Agriculture, Education, Communication

Features

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- E-stock management
- E-payment/support/info
- Enhanced GUI and tools
- Centralised information

Technology Benefits

- Customisable e-marketplace
- Intelligent business matching
- Dynamic item update
- Ensuring genuine buyers/sellers
- Information warehousing
- Global supply chain

System Requirements

<table>
<thead>
<tr>
<th>Mi-Market</th>
<th>Server Requirements (Hardware)</th>
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<tbody>
<tr>
<td></td>
<td>Processor: AMD®/Intel® Dual-Core 2GHz or higher (1 VM)</td>
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<tr>
<td></td>
<td>Memory: Minimum 4GB of RAM memory (1 VM)</td>
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<td></td>
<td>Virtual Machine: Minimum 4 VMs</td>
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<td>Disk Storage: Minimum 30GB of hard disk space (1 VM)</td>
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<td>Network: Accessible through minimum 1Mbps Internet Internal connection through 100BASE-T LAN</td>
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Server Requirements (Software)

| Operating System                | Microsoft Windows 2008 Server (1 licence) & Linux CentOS 5.6       |
| Database                        | MySQL 5.5                                                          |
| Application                     | Tomcat 7, JDK 7, Apache 2.2.23                                      |
| Networking Environment          | 1x Gigabit Network Interface Card (1 VM)                           |

Client Requirements

| Web Browser                     | Google Chrome 30 and above                                         |
| Screen Resolution               | 1024x768 and above                                                  |