SOFTWARE REQUIREMENTS SPECIFICATION (SRS) FOR VENDOR REGISTRATION IN MAWADONLINE

1. INTRODUCTION

PURPOSE OF THIS DOCUMENT:

This document aims to detail the specific requirements for implementing a vendor registration system in MawadOnline, aligned with the provided draft document.

SCOPE:

Customization of the Active eCommerce CMS to include a comprehensive vendor registration process.

AUDIENCE:

This SRS is intended for the development team, project managers, QA testers, and key stakeholders.

2. SYSTEM FEATURES AND REQUIREMENTS

FUNCTIONAL REQUIREMENTS:

ACCOUNT CREATION:

When the vendor wants to join the platform for the first time, he shall create an account. The requirements for account creation will be:

Mandatory fields: First Name, Last Name, Email, and Password.

Email validation using regular expressions.

Advanced password complexity rules including length, character variety, and restrictions on consecutive characters and dictionary words. (as explained in the table below)

Multi-language support, particularly for Arabic names. If the vendor enters his name in Arabic, then the number of bytes required will be as twice as the English name. Therefore, 64 bytes is chosen to accommodate Arabic and English names.

Email verification with a code following specific structure. The vendor shall receive a verification code to confirm his email. The length of the verification code must be at least 6 digits, and expires in 10 minutes. However, the system must be designed to flexibly increase the length of the verification code in the future.

The vendor shall be able to request a new verification code if the first one is expired or not received for any reason.

Once the vendor puts the verification code correctly, then he is directed to the registration form.

ACCOUNT CREATION FIELDS

Field	Type	Considerations
First name	String(64)	
Last name	String(64)	
Email	String(128)	Basic email validation using regular expression has to be executed.
Password	String(16)	The following password complexity rules must be checked:- Minimum password length: 9 characters. At least one uppercase letter. At least one lowercase letter. At least one number and maximum 4 numbers. At least one sign. Space is not allowed. Three consecutive numbers are not allowed. Example: 678, 543, 987. Three consecutive characters are not allowed if they have the same case. Example: efg, ZYX, LMN, cba. No lowercase character, uppercase character, number or sign can appear in the password more than 40%. Dictionary words for the most common 10K English words cannot be a sub-string of the password. No three characters (or more) in the password can be a sub-string of first name, last name or email.

E-SHOP REGISTRATION FORM:

The Registration Form consists of four tabs (pages). It's purpose would be to gather the information required to create the business profile of our vendor.

While filling the form, the vendor can **save the form as draft** so that he can continue later after obtaining all required information/documents.

This section will include the following:

- Ability to save the form as a draft.
- Four tabs: Business Information, Contact Person, Warehouses, Payout Information.

BUSINESS INFORMATION TAB:

- Fields for English and Arabic trade names, trade license documentation, address details, VAT registration, and civil defense approval.
- String type fields with varying lengths and attachment fields with a max size of 5 MB. (detailed in the table below)

Field	Type	Considerations
English Trade Name	String(128)	This field will be for internal use.
Arabic Trade Name	String(256)	This field will be for internal use.
Trade License Doc.	Attachment Max Size 5 mb	
English E-Shop Name	String(128)	The vendor will be given a hint to deduce a short name from the English trade name. This name will appear in the English UI of the marketplace. The system must trim this name from both ends.
Arabic E-Shop Name	String(256)	The vendor will be given a hint to deduce a short name from the Arabic trade name. This name will appear in the Arabic UI of the marketplace. The system must trim this name from both ends.
English e-Shop description		
Arabic e-Shop description		
License Issue Date	Date	
License Expiry Date	Date	
Address - State/Emirate	Drop-down	
Address – Area	Drop-down	Values will be based on the selected Emirate.
Address - Street	String(128)	
Address – Building	String(64)	
Address – Unit/Office No.	String(64)	Field is optional.
PO Box	String(32)	Field is optional.

Landline Phone No.	String(16)	Field is optional.
VAT Registered	Boolean	
VAT Certificate	Attachment Max Size 5 mb	If VAT Registered = true
TRN	String(64)	If VAT Registered = true
Tax Waiver Certificate	Attachment Max Size 5 mb	If VAT Registered = false
Civil Defense Approval	Attachment Max Size 5 mb	Field is optional.

CONTACT PERSON TAB:

.. Personal details including nationality, date of birth, Emirates ID, and designation.

Except for Additional Mobile Phone, all other fields are mandatory.

Field	Type	Considerations
First Name	String(64)	Will be auto filled by the account's first-name. However, the vendor can change it.
Last Name	String(64)	Will be auto filled by the account's last-name. However, the vendor can change it.
Email		Basic email validation using regular expression has to be executed.
Mobile Phone	String(16)	Must be a UAE number. Country code will be fixed.
Additional Mobile Phone	String(16)	Field is optional.
Nationality	Drop-down	
Date of Birth	Date	
Emirates ID - Number	String(32)	
Emirates ID - Expiry Date	Date	
Emirates ID	Attachment Max Size 5 mb	
Business Owner	Boolean	
Designation	String(64)	

WAREHOUSES TAB:

At least one warehouse required with fields for name and address details in order for the Vendor to be able to start listing products post approval of the e-Shop creation. Later, Vendor can add more if they wish.

For each warehouse the following information is required:

Field	Type	Considerations
Warehouse Name	String(128)	
Address - State/Emirate	Drop-down	
Address – Area	Drop-down	Values will be based on the selected Emirate.
Address - Street	String(128)	
Address – Building	String(64)	
Address – Unit/Office No.	String(64)	Field is optional.

PAYOUT INFORMATION TAB:

- Bank details including Bank Name, Account Name, Number, IBAN, Swift Code, and related documentation.

Field	Type	Considerations
Bank Name	String(128)	
Account Name	String(128)	
Account Number	String(30)	
IBAN	String(34)	
IBAN Certificate	Attachment Max Size 5 mb	
Swift Code	String(16)	

NON-FUNCTIONAL REQUIREMENTS:

Usability: User-friendly interface for seamless navigation between tabs.

(sketch or screenshot of tabs with forms as reference)

Performance: Efficient handling of concurrent registration requests.

Security: Adherence to data protection laws, secure storage and transmission of sensitive information. (*refer to Data Protection Laws attachment)

3. DATA REQUIREMENTS

Data Storage: Secure and efficient storage of vendor details, documents, and bank information.

Data Validation: Robust validation mechanisms for all input fields including preventive measures against cyber security attack of any vulnerability associated with Forms and the registration process.

4. USER INTERFACES

Design Consistency: Interface design consistent with the Active eCommerce CMS.

Accessibility: Responsive design for various devices and screen sizes.

5. USER DOCUMENTATION AND TRAINING

Documentation: Comprehensive guides for vendors on completing the registration process.

Admin Training: Instructions for platform administrators on managing and approving vendor registrations.

6. TESTING

Functionality Testing: Ensure all features work as intended.

UAT Testing: Ensure all tests included in the attached UAE Sheet are conducted and passed.

Security Testing: Rigorous testing for data protection and privacy compliance.

7. ACCEPTANCE CRITERIA

Vendor Satisfaction: Ease of registration process and clarity of instructions.

Admin Usability: Efficiency in managing and approving registrations.