

# Training Manual for Consumer Application

**Document ID:**

Tatmeen\_TRM-0097\_Training Manual for  
Consumer Application\_v1.0

**Version:** 1.0



# 1. Document Control

## 1.1 Version History

Version	Date	Description of Change	Author / Company
1.0	18-Oct-2022	First Version	EVOTEQ

Table 1 Version History Main Approvals

## Table of Contents

<b>1. DOCUMENT CONTROL.....</b>	<b>2</b>
1.1 Version History.....	2
<b>TABLE OF CONTENTS .....</b>	<b>3</b>
<b>2. PURPOSE .....</b>	<b>4</b>
<b>3. INTRODUCTION.....</b>	<b>4</b>
<b>4. TUTORIAL CONSUMER APPLICATION .....</b>	<b>4</b>
4.1 Product Authentication.....	5
4.1.1 Adding of the SGTIN item.....	5
4.1.2 Product Authentication result.....	9
<b>5. HOW – TO CONSUMER APPLICATION.....</b>	<b>11</b>
5.1 HOW – TO Product Authentication .....	11
5.1.1 How can I check product information for the SGTIN item?.....	11
<b>6. FAQ – CONSUMER APPLICATION .....</b>	<b>12</b>
6.1 I tried to scan barcode but it can not be read. How can I check if the serial number is correct? .....	12
6.2 Can I view the leaflet and artwork for a specific product? .....	12
6.2 How can I report an invalid item to MOHAP?.....	12
<b>7. GLOSSARY .....</b>	<b>13</b>

## 2. Purpose

The purpose of this document is to describe the business processes and functionalities of Tatmeen, Ministry of Health and Prevention (MoHAP) Track and Trace system.

The document details the solution and various control that are adopted for the processes.

## 3. Introduction

This document provides a high-level, as well as detailed description of the business process and flows of the Tatmeen system.

## 4. Tutorial Consumer Application

The consumer application will be used to initiate product authentication and will be accessible to any public user using the published Tatmeen mobile application.

## 4.1 Product Authentication

This functionality will be used to initiate a Product authentication. Users will be able to check detailed information about a product.

### 4.1.1 Adding of the SGTIN item

Application opens on the page for product authentication. You need to add one SGTIN item of a product for which you would like to see detailed information.

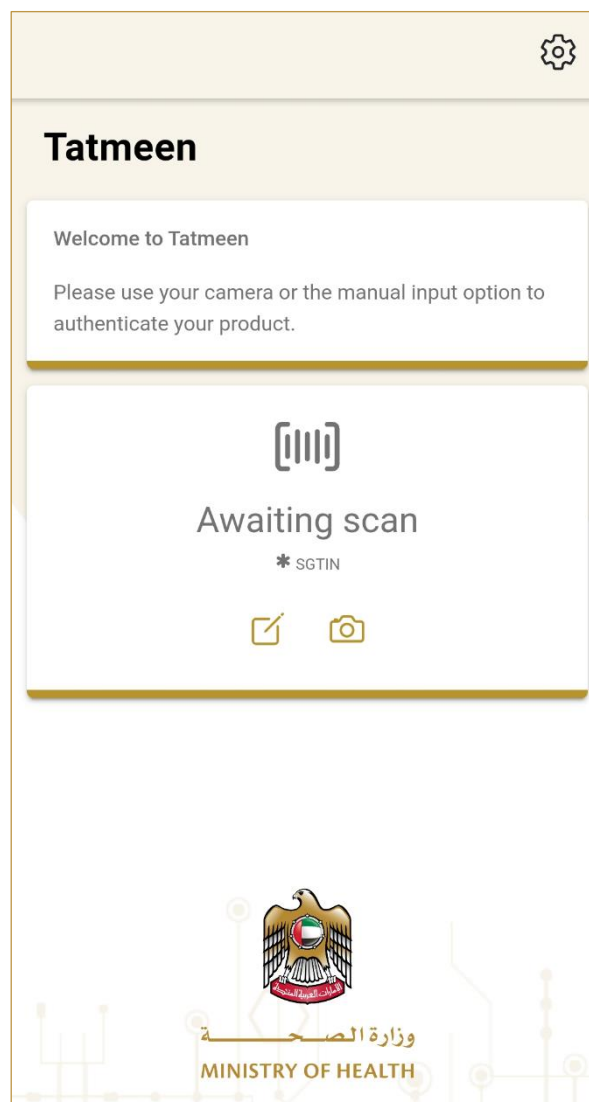


Figure 1 Product Authentication


The SGTIN item can be added manually by entering values or by scanning with a scanner or camera.



Figure 2 Product Authentication – SGTIN barcode

#### 4.1.1.1 Camera scan

When the page opens, the application is already ready to scan the SGTIN barcode

with a scanner or Camera  .

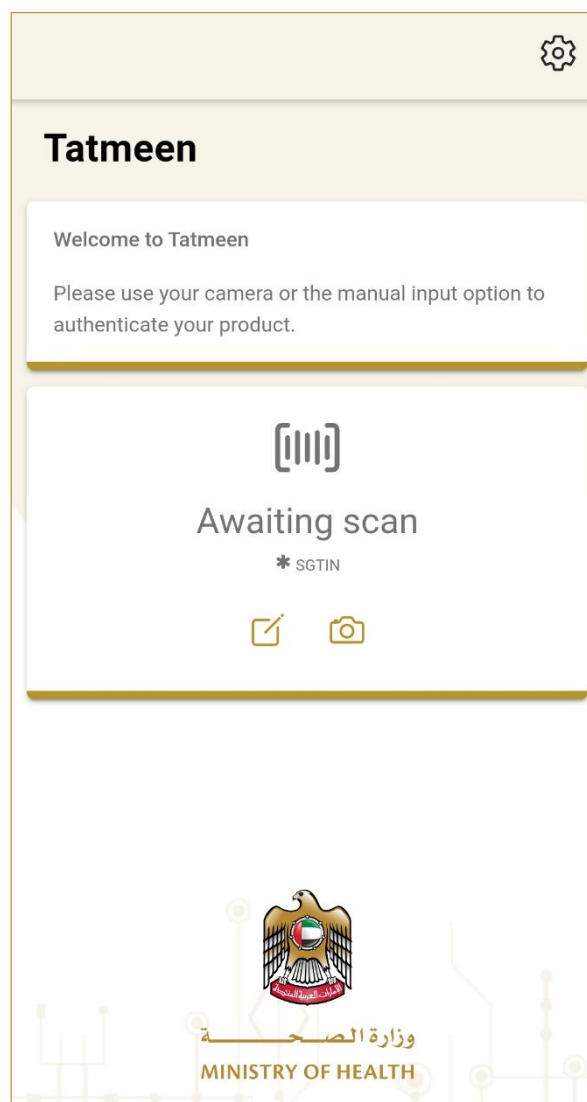


Figure 3 Product Authentication - Scanning

After an SGTIN item is scanned, a new page automatically opens with detailed information about a product.

If scanned SGTIN is not known to Tatmeen or there is some other issue, the message is returned.

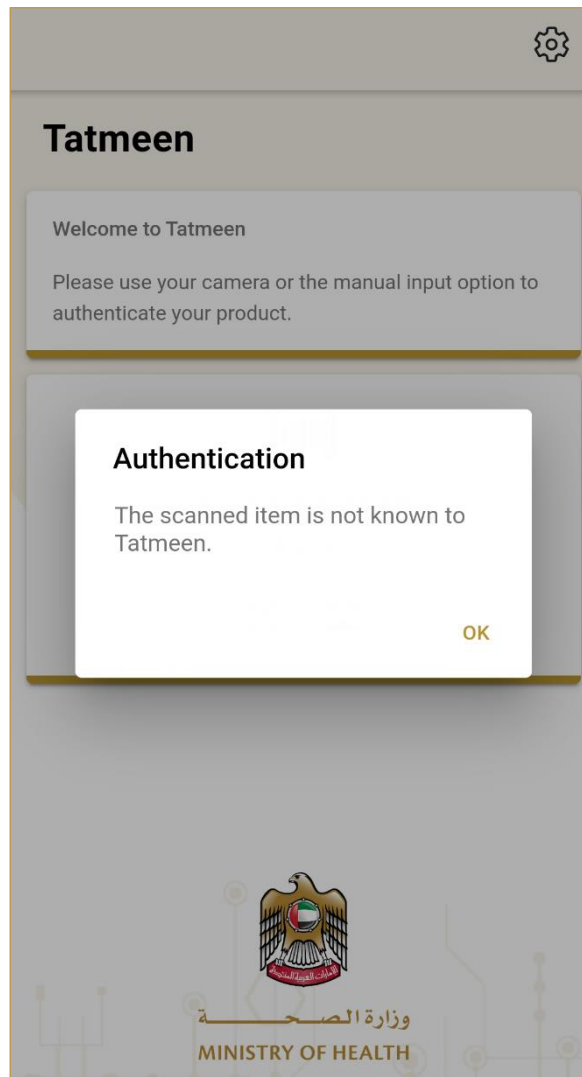



Figure 4 Product Authentication - Message

#### 4.1.1.2 Manual input

Item can be added also manually. For manual data entry press Edit  where the new page opens.

## SGTIN = (01)GTIN(21)SERIAL

### Global Trade Item Number

To add an SGTIN Item, enter the GTIN value of the product in the field GTIN-(01), the serial number value in the field SERIAL-(21), the batch value in the field BATCH/LOT-(10), and expiration date value in the field EXPIRY-(17) and press OK



All fields are mandatory.

The SGTIN Item will be authenticated and the next page opens with detailed information about a product to which SGTIN items belong.

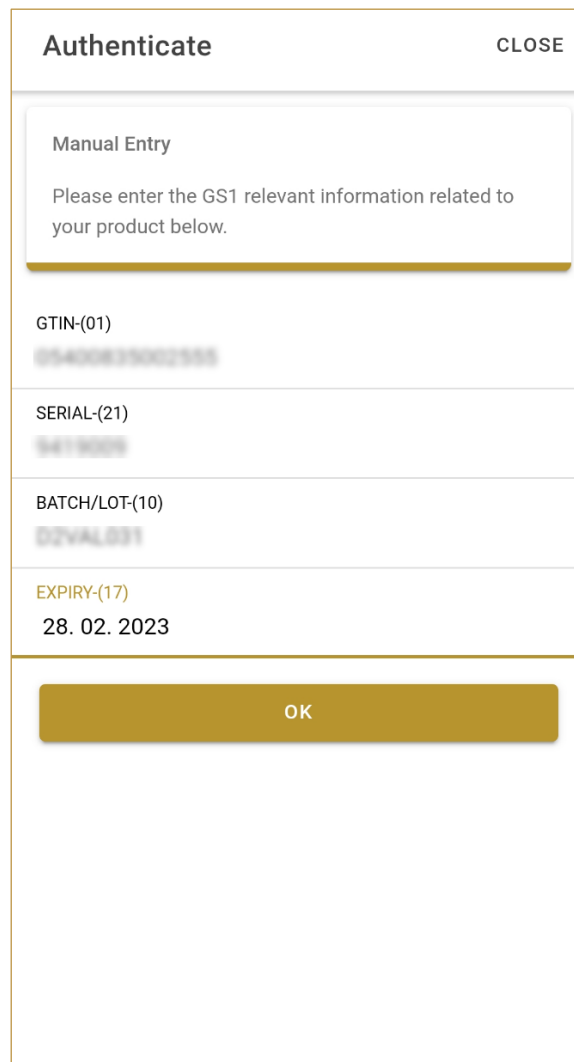
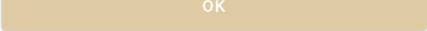
A dialog box titled "Authenticate" with a "CLOSE" button in the top right corner. It contains a "Manual Entry" section with the instruction "Please enter the GS1 relevant information related to your product below." Below this are four input fields: "GTIN-(01)" with value "05400835002555", "SERIAL-(21)" with value "5419009", "BATCH/LOT-(10)" with value "02VAL031", and "EXPIRY-(17)" with value "28. 02. 2023". At the bottom is a large "OK" button with a gold background.

Figure 5 Product Authentication - Manual adding of SGTIN item



If no value is entered, OK  will be disabled and it will not be possible to continue to the next page.

If you want to return to the previous page and cancel the entry press Close **CLOSE**

If added SGTIN is not known to Tatmeen or there is some other issue, the message is returned.

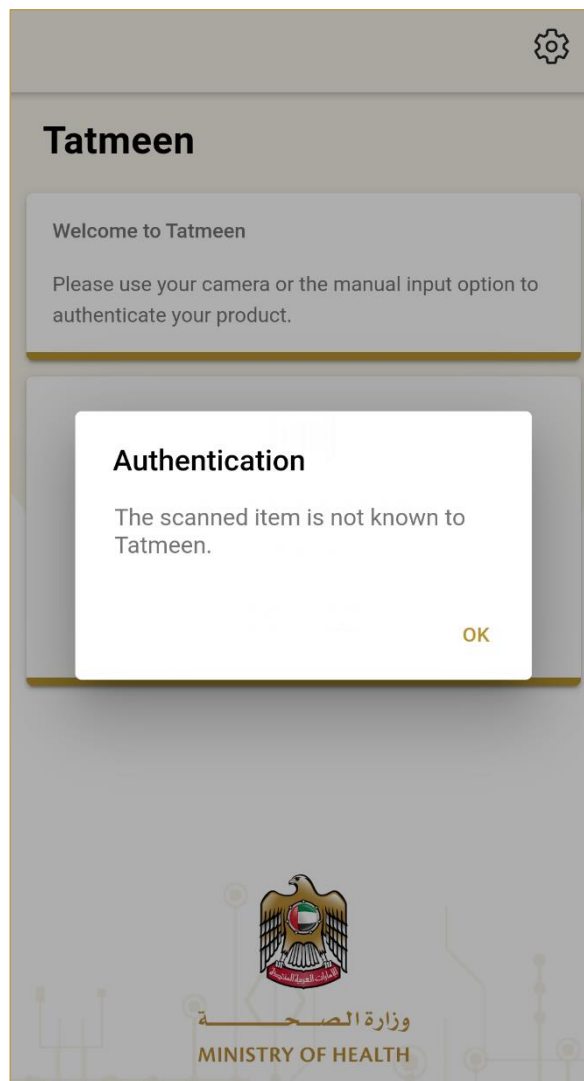


Figure 6 Product Authentication - Message

#### 4.1.2 Product Authentication result

If added/scanned SGTIN item is commissioned and exists in Tatmeen then detailed information about a product is displayed.

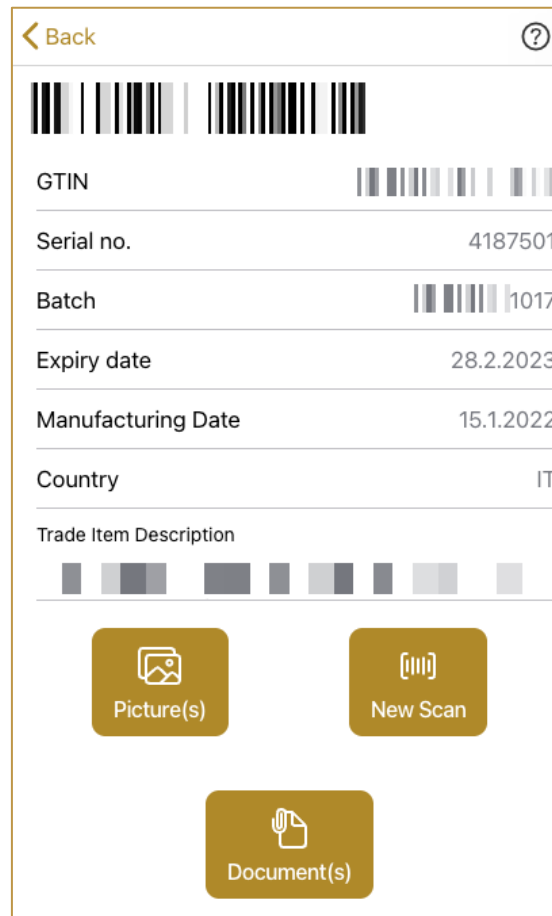
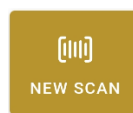


Figure 7 Product Authentication - Result



If you press Show picture a picture of the product will be shown. This picture is fetched from the GS1 system, using the URL assigned to that particular GTIN. In the GS1 system, the GTIN can have assigned more than one image, and optionally a PDF leaflet. In this case, all the media available will be shown.

If the GTIN doesn't have assigned any media, the application won't display anything.



To authenticate another product press New Scan or Back 

## 5. HOW – TO Consumer Application

### 5.1 HOW – TO Product Authentication

#### 5.1.1 How can I check product information for the SGTIN item?

Open application Consumers Application

When the application opens, scan the SGTIN item [4.1.1.1] or press Edit for manual entry of the SGTIN value [4.1.1.2].

## 6. FAQ – Consumer Application

### 6.1 I tried to scan barcode but it can not be read. How can I check if the serial number is correct?

If barcode cannot be scanned, the barcode can be damaged or the scanner has issues. In such case you can manually enter requested data which are written as human readable data near to the barcode on the item/pack.

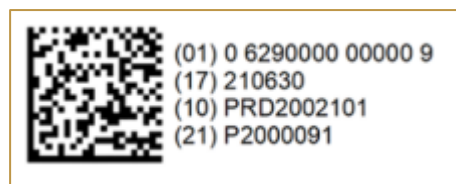


Figure 8 Sample 2D Data Matrix

### 6.2 Can I view the leaflet and artwork for a specific product?

If you have access to a valid item of that product, it can be scanned to access the artwork and leaflet information of it. Please keep in mind that the information is retrieved from GS1, and it is possible that not all information is available for all products.

### 6.2 How can I report an invalid item to MOHAP?

If any product is deemed invalid by Tatmeen, it can be reported to the authorities by writing an email to [COPPAE@mohap.gov.ae](mailto:COPPAE@mohap.gov.ae) indicating your contact information and the details provided by the application about the item.

## 7. GLOSSARY

General short terms and abbreviations can be found in the global Glossary (see section 1.7 of this document). A list of additional terms that were referred to in this document have also been added here:

Acronym	Term	Definition
API	Application Programming Interface	API Management is a solution included in the SAP BTP that provides the means to integrate SC (participants) via a B2B connection.
ATTP	Advanced Track and Trace for Pharmaceuticals from SAP	The SAP solution supports track and trace activities designed for Pharmaceutical purposes but also supports other industries.
EPCIS	Electronic Product Code Information Services	EPC information services (EPCIS) is an EPC global standard designed to enable EPC-related data sharing within and across enterprises. This data sharing is aimed at enabling participants in the EPC global Network to obtain a common view of the disposition of EPC-bearing objects within a business context.
GCP	Global Company Prefix	Global Company Prefix
GLN	Global Location Number	Global Location Number
GS1	Global Standards One	GS1 ( <a href="https://www.gs1.org/">https://www.gs1.org/</a> and <a href="https://www.gs1ae.org/">https://www.gs1ae.org/</a> ) is a global organization dedicated to the design and implementation of global standards and solutions to improve the efficiency and visibility of supply and demand chains globally and across sectors. The GS1 system of standards is the most widely used supply chain standards system in the world.
GTIN	Global Trade Item Number	Identifier for trade items developed by GS1. Such identifiers are used to look up product information in the database (often inputting these numbers through a bar code scanner), which may belong to a retailer, manufacturer, collector, researcher, or other entity.
KG	Kilogram	Kilogram
MAH	Marketing Authorization Holder	An organization that is the brand-owner of a particular product.
MoHAP	Ministry of Health and Prevention of the UAE	UAE ministry is responsible for regulation, healthcare delivery, and oversight.
N/A	Not Applicable	This shall be used where no relevant information can be added.
SC	Supply Chain	The service to support logistics operations relating to the sourcing and transportation of goods. The broader application can also support services.
sGTIN	Serialized Global Trade Item Number	Serialized Global Trade Item Number
SHP	Shipment Import Permit	Shipment Import Permit

Acronym	Term	Definition
SME	Subject Matter Expert	Subject Matter Expert
SSCC	Serial Shipping Container Code	A GS1 identification key is used to identify a logistic unit. This unique identifier is comprised of an Extension Digit, a GS1 Company Prefix, a Serial Reference, and a Check Digit.
System	Tatmeen	Tatmeen
Tatmeen	Name of the United Arab Emirates Track & Trace (T&T) System	Name of the Track & Trace (T&T) System
T&T	Track and Trace	An electronic solution to support the recording of the historic movement of goods based on the unique identification of goods. Subsequent evaluation of the electronic records supports reporting of movements and their traceability.
UAE	United Arab Emirates	United Arab Emirates
UoM	Unit of Measure	Unit of Measure
URL	Uniform Resource Locator	The mechanism used by browsers to retrieve any published resource on the web.
WHO	World Health Organization	World Health Organization
WHO ATC Codes	World Health Organization Anatomical Therapeutic Chemical code	A unique code is assigned to medicine according to the organ or system it works on and how it works.
WMS	Warehouse Management System	Warehouse Management System
3PL	Third-Party Logistics	External (to the MoHAP organization) supply chain partners.

Table 2 Glossary

# Training Manual for Consumer Application

**Document ID:**

Tatmeen\_TRM-0097\_Training Manual  
for Consumer Application\_v1.0