Fiscalization Solution for Retailers

Law

- All Tier-1 retailer required to integrate their POS with FBR system for submission of sale invoice on real-time basis.

Goal

- Encourage **100% invoice submission to FBR**

Objective

- **Integrate POS Systems with FBR Systems**

Generate Invoice

Prepare Bill

Customer

Pay Bill

Printing Invoice

Fiscal Invoice
Invoice No.

POS

Fiscal Invoice
Invoice No.

Invoice Data

SALES RECEIPT

Date: _____

Qty.	Description	Price	Amount

Subtotal:

Tax:

Total:

e Made with :

[ ] Cash

] Credit Card

] Check No. _____

] Other _____

SMS

Verify Invoice

Verify
Invoice

Screen

Online

Digital Sign

Encrypt Data

Save

Invoice No

FBR

Sale Data Controller

Web Services

1. Digital Sign
2. Encrypt
3. Save the Data
4. Invoice No.

Central Servers

Technical Goal

No –ve Business Impact

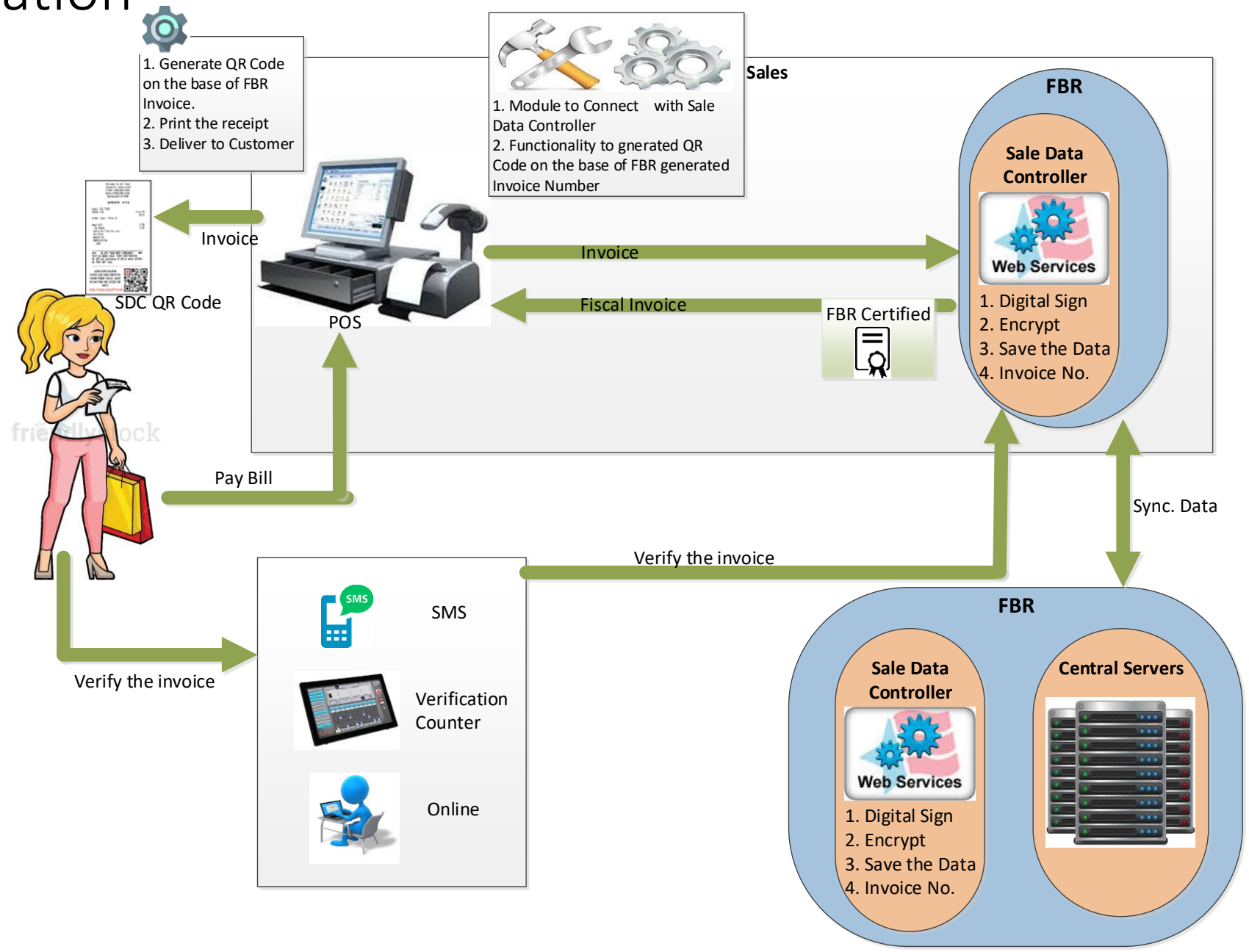
Achieving 99.9% Availability

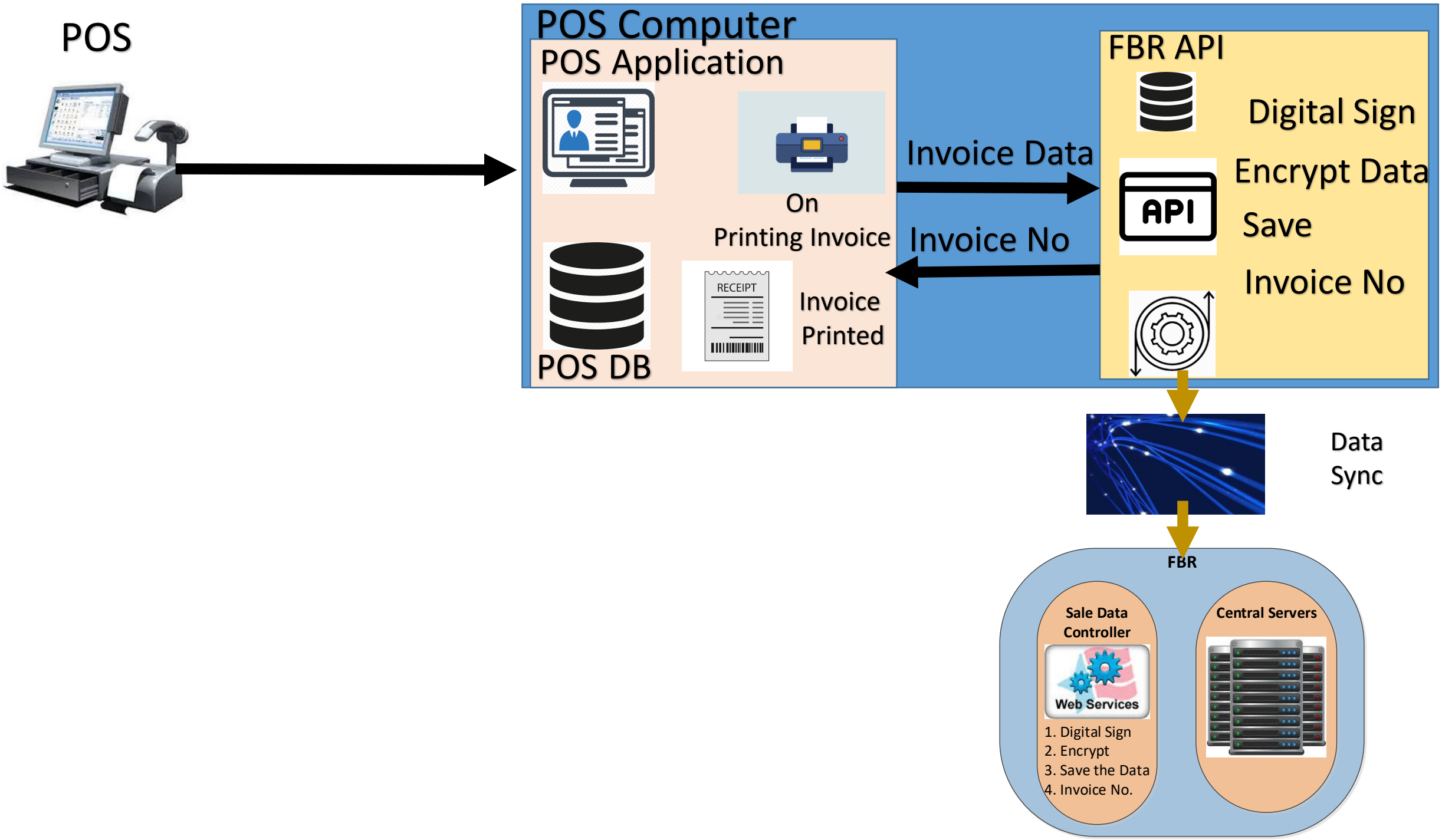
High Performance (Response in micro seconds)

- Software Data Controller will be installed locally or **on Cloud** on the same POS System/Within local Network

- Software Data Controller will become the part of the POS system

POS Integration




POS
POS Computer
POS Application
On
Printing Invoice
POS DB
RECEIPT
Invoice
Printed
Invoice Data
Invoice No
FBR API
Digital Sign
Encrypt Data
Save
Invoice No
API
Data
Sync
FBR
Sale Data
Controller
Web Services
1. Digital Sign
2. Encrypt
3. Save the Data
4. Invoice No.
Central Servers

Steps

- Customer visit the counter to pay for his/her shopping
- Counter Boy Prepare the Invoice
- Invoice is forwarded to FBR system for invoice number
- Fiscal Invoice is generated, encrypted and stored in FBR Sale Data Controller and returns a fiscal invoice number to POS.
- FBR Sale Data Controller Synch. the data with FBR central server on periodic basis.
- POS generate the QR Code for fiscal invoice.
- The receipt is printed out from the POS and physically delivered to the customer
- Customer receive the printed fiscal invoice and verify it from FBR System using any of proposed mode.
- On verification of invoice, FBR system mark this invoice for 6% tax collection. In case of non-verification of invoice, Bill will be changed as 9% tax collection.
- Customer pay the bill according to the applied tax.

Benefits

- Real-Time Integration with FBR System
- Automatic uploading of invoice data in FBR System
- Prepopulated into Annex- C of Sales Tax Return

POS Vendors: Support Us & Support Customer

- Make your POS compliant with fiscalization law
  - Create fiscalization enabled version
  - Get it certified from FBR
- Benefits
  - FBR publish list of certified POSs on its website
  - Reduce the efforts of integration

How to integrate…

- FBR require following functionality to be develop in Point of Sale software
  - On the Event of Print
  - Push invoice data to Fiscal Soft Data Controller
  - On return, SDC Receive Fiscal number against each invoice
  - Print Fiscal Number, QR Code and FBR logo on Print Receipt

How to integrate…

POS Integration on test environment

1) Register for test
2) Download FBR Fiscal Data controller (SDC) from FBR Web Site
3) Install SDC on the same computer where POS is installed
4) Consume the Restful Web service for fiscalization process
   - Send the Invoice data to SDC
   - Receive the Fiscal Invoice Number
   - Print FBR Logo, Fiscal Number and QR Code on Print Receipt

How to integrate

POS Integration on production environment

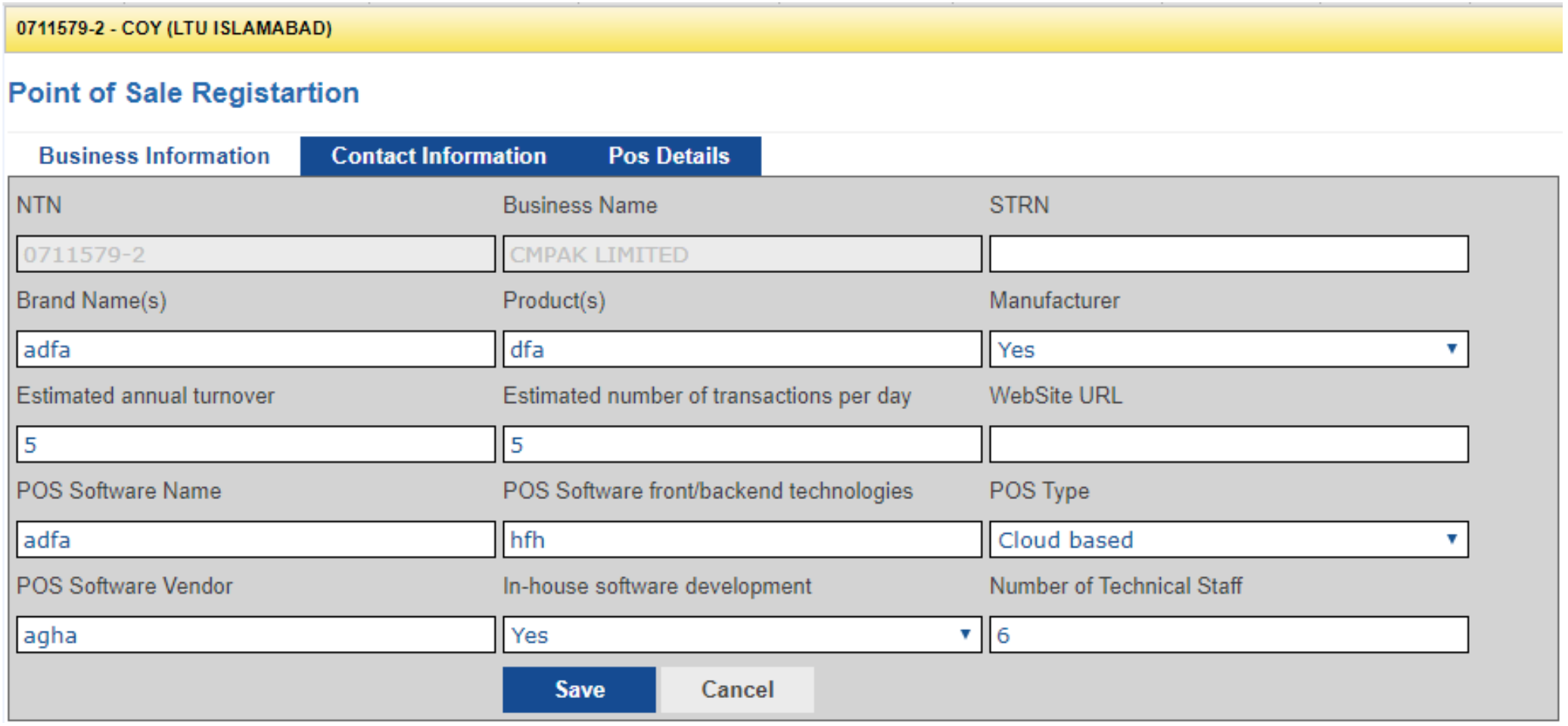
1) Register each POS FBR Web Site
2) Install SDC
3) Update Existing POS with Fiscal Enabled POS

Support & Downloads

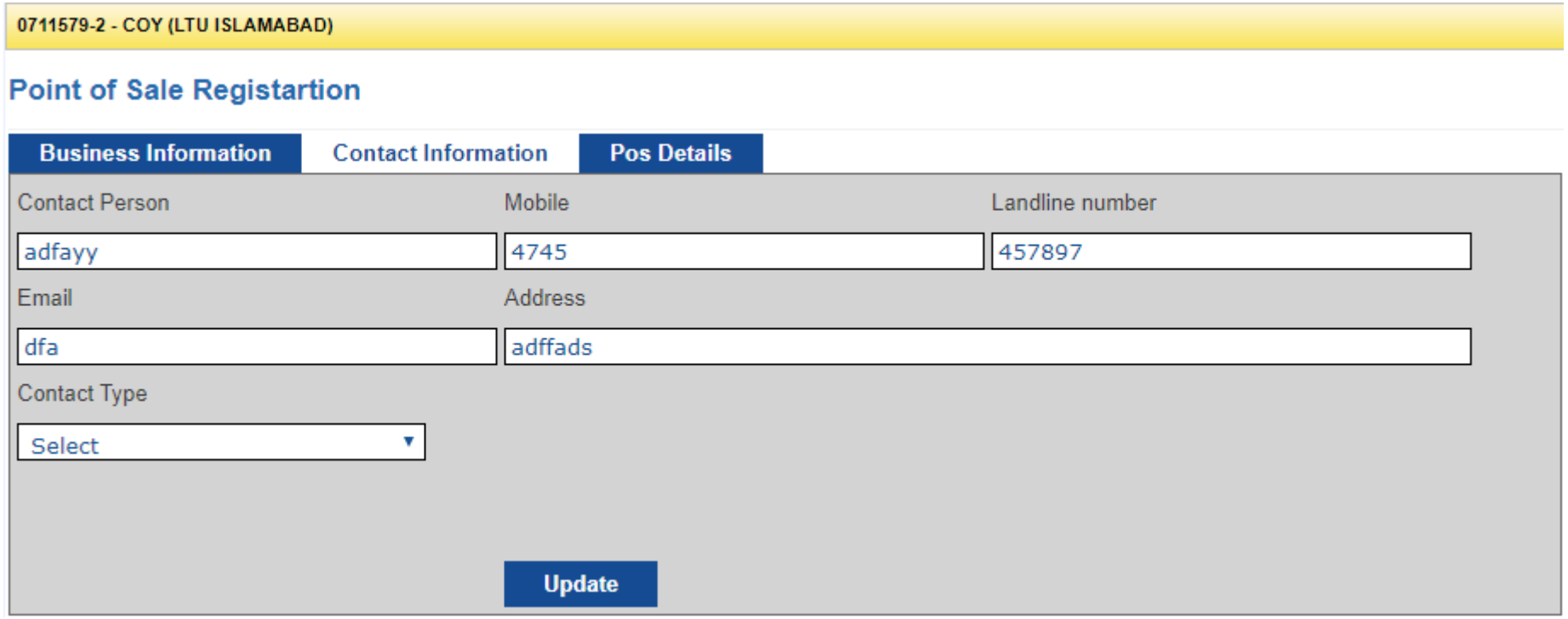
- Link to Fiscal Data Controller
  - http://download.fbr.gov.pk/IMS_Setup/FBRIMS.zip
- Link to download required documentation
  - https://help.fbr.gov.pk/?p=6148
- Contact Information
  - Email : helpline@fbr.gov.pk
  - Phone : (051) 111-772-772

Demonstration

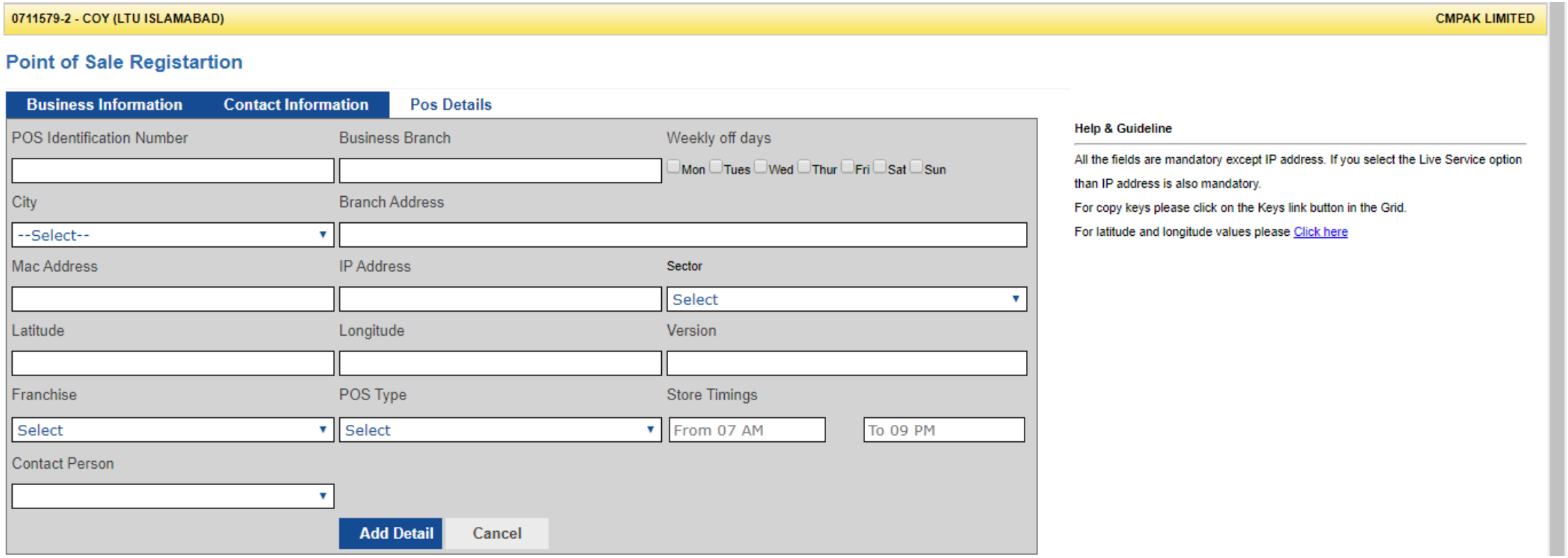
Registration – Business Information



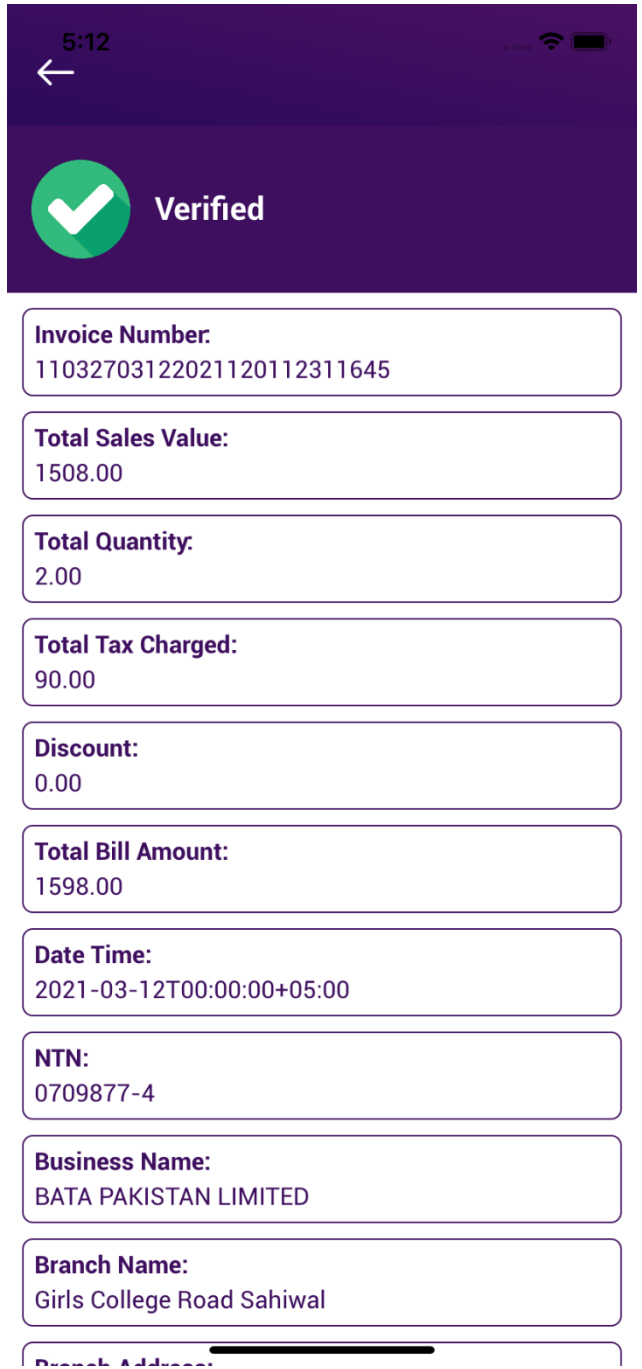
Registration – Contact Information



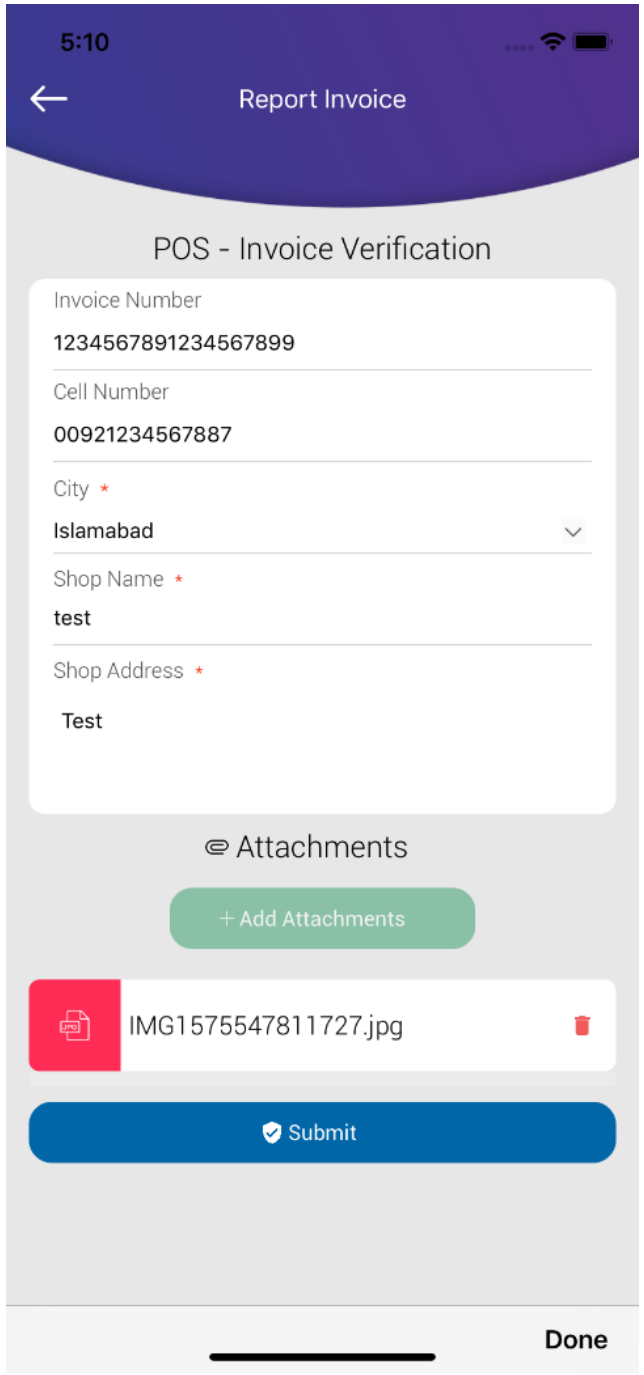
Registration – POS Details

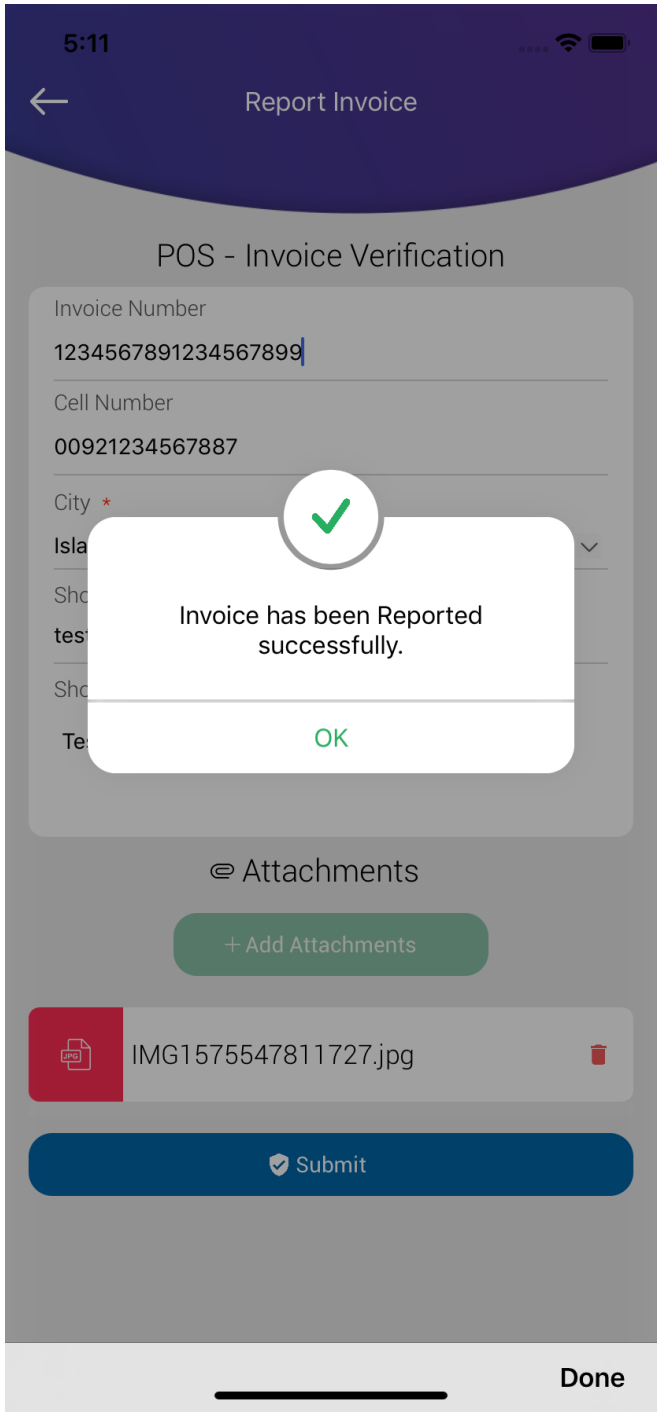


5:11
POS Invoice Verification
Invoice Number
Verify


5:12
Verified
Invoice Number:
11032703122021120112311645
Total Sales Value:
1508.00
Total Quantity:
2.00
Total Tax Charged:
90.00
Discount:
0.00
Total Bill Amount:
1598.00
Date Time:
2021-03-12T00:00:00+05:00
NTN:
0709877-4
Business Name:
BATA PAKISTAN LIMITED
Branch Name:
Girls College Road Sahiwal

5:11
POS Invoice Verification
1234567891234567890
Verify
آپ کی انوائس کا ٹیکس جمع نہیں ہوا ہے۔
کیا آپ اس کو رپورٹ کرنا چاہتے ہیں؟
نہیں
ہاں
Invoice Number
Done


5:10
Report Invoice
POS - Invoice Verification
Invoice Number
1234567891234567899
Cell Number
00921234567887
City *
Islamabad
Shop Name *
test
Shop Address *
Test
Attachments
+ Add Attachments
IMG1575547811727.jpg
Submit
Done


5:11
Report Invoice
POS - Invoice Verification
Invoice Number
1234567891234567899
Cell Number
00921234567887
City *
Invoice has been Reported successfully.
OK
Attachments
+ Add Attachments
IMG1575547811727.jpg
Submit
Done

Thank You for your kind interest….