**Merk Solutions**

Overview:

Medical Solution contains these applications:

1. Reception (REC)
2. Financial Manager (FM)
3. Queue Manager (QM)
4. Lab Manager (LM)
5. Patient Electronic Medical Record (PEMR)
6. Surgery Manager (SM)

**1 Reception Application**

**1-1 Overview**

This is the entry point for your clinic. Here you can admit the patient arrival, and reserve the patient invoice.

1-2 Application Contents:

1-2-1 Create new patient

1-2-2 View all patients list

1-2-3 Review and track patient invoice

**4 Patient Electronic Medical Record (PEMR)**

**4-1 Overview**

This is the main medical application. It’s for patient medical records.

**4-2 Application Contents**

**4-2-1 Patient Queue (First in first out)**

4-2-1-1 Waiting patient queue

4-2-1-2 Paused patient queue

4-2-1-3 Served patient queue

**4-2-2 Main Serving patient window**

**4-2-2-1 Patient History**

**4-2-2-1-1 Medical History**

* General Notes
* Diabetes (Yes/No), if Yes:
  + Diabetes Type (Type 1 – Type2)
  + Is it controlled? (Yes – No)
  + Medication (Tablets – Insulin – Both), dosage and duration
  + HbbA1c
* Hypertension (Yes/No), if Yes:
  + Is it controlled? (Yes – No)
  + Medication, dosage and duration
* Drug Allergies (Yes/No), if Yes:
  + Triggers of Drug Allergies
* Hepatitis (Yes/No)
* Asthma (Yes/No)

**4-2-2-1-2 Social History**

* General Notes
* Did you ever smoke? (Yes/No), if Yes:
  + Number of daily packs
  + Number of years you smoke
  + Notes
  + If you quit smoking, when did you quit?
    - Less than 6 months
    - Bet. 6 and 12 months
    - More than 12 months\
    - Notes
* Did you drink Alcohol? (Yes/No). if Yes:
  + How much?
  + Notes
  + Had a problem with Alcohol? (Yes/No), if Yes:
    - When
    - Notes
* Are you addicted? (Yes/No), if Yes:
  + Notes
  + Had problem with addiction? (Yes/No), if Yes:
    - Notes
* Used and Recreational drugs? (Yes/No), if Yes:
  + Notes

**4-2-2-1-3 Family History**

**4-2-2-2 Examination**

**4-2-2-2-1 Vital Signs**

* You can add one or more vital signs
* Vital signs details:
  + Taken Date/Time
  + General Notes
  + Blood pressure / Pulse
    - Blood pressure
    - Pulse
    - Reg.
    - Notes
  + Respiration / Oxygen / SPO2
    - Respiration
    - Oxygen
    - FIO2
    - SPO2
    - Notes
  + Temperature
    - Temperature
    - Notes
  + Weight / Height
    - Weight
    - Height
    - Notes
* You can view and compare all vital signs recorded
* Print one or more vital signs

**4-2-2-2-2 Symptoms and Complaints**

* Choose the pain level.
* You can choose the symptoms for each eye type.
* Choose the symptoms category, then choose one or more symptom from the list of symptoms.
* Print the added symptoms list in separate paper.

**4-2-2-2-3 Vision and Refraction**

* You can add one or more reading.
* Reading details:
  + Taken Date / Time
  + Reading Type
    - Autoref
    - Autoref After Cyclo
    - Old Glasses
    - Old Glasses Near
    - Subjective Refraction
  + Distance for OD / OU
  + NVA for OD / OU
  + Distance for OD / OU
  + Sphere for OD / OU
  + Cylinder for OD / OU
  + Axis for OD / OU
  + UVA for OD / OU
  + Add for OD / OU
  + Remark for OD / OU
  + UVA
  + NVA and Distance
  + You can ignore, error, rate each reading
* You can view and compare the recorded readings in graph.

**4-2-2-2-4 IOP**

**4-2-2-2-5 Pupillary**

**4-2-2-2-5 Anterior Segment**

**4-2-2-2-6 Posterior Segment**

**4-2-2-2-7 Adnexa and Lids**

**4-2-2-2-8 EOM**

**4-2-2-3 Diagnosis**

**4-2-2-3-1 Diagnosis**

* You can choose the diagnosis type from these types: Provisional – Differential – Final.
* You can choose the diagnosis for each eye type.
* Choose the diagnose category, then choose one or more diagnose from the list of diagnosis.
* Print the added diagnosis list in separate paper.

**4-2-2-3-2 Medications**

* Choose the medication from the medications list.
* Then choose the dosage from the dosages list.
* Each medication can be related to a certain list of dosages.
* Choose the date interval for that medication from date to date *(ex. From 22/7/2019 – To 25/7/2019)*
* Or choose time duration *(ex. 5 Hours/Days/Weeks/Months/Years – From 22/7/2019 – To 25/7/2019)*
* Print the added medications list in separate paper.

**4-2-2-3-3 Investigations**

* Here you can request one or more investigation.
* You can specify a specific reservation date for the requested investigation.
* Scan the investigation result and relate it with the requested investigation.
* Print the added investigations list in separate paper.

**4-2-2-3-4 Labs**

* Here you can request one or more lab.
* You can specify a specific reservation date for the requested lab.
* Scan the lab result and relate it with the requested lab.
* Print the added labs list in separate paper.

**4-2-2-3-5 Surgeries**

* Here you can request one or more surgery.
* You can specify a specific surgery date for the requested surgery.
* Scan the surgery result and relate it with the requested surgery.
* Print the added surgery list in separate paper.

**4-2-2-3-6 Treatment Plan**

* Here you can list all the treatment plan.
* And you can order it by index
* Print the added treatment plan in separate paper.

Price List packages

Small Package

**Reception application**

Add new Patient

Edit already added patients details

Search for already added patients

Reserve new medical service

**PEMR Application**

Queue manager

Serving Window

Patient medical Record and previous visits

**25,000**

**Medium Package**

**Reception application**

Add new Patient – small package

Edit already added patients details – small package

Search for already added patients – small package

Reserve new medical service – small package

Attachments

Patient Deposit

Outpatient invoicing manager

Safe Box manager

Reports

* Detailed revenue report
* Services and Doctors revenues report
* Patient deposit report

**PEMR Application**

Queue manager – small package

Serving Window – small package

Patient medical Record and previous visits – small package

**35,000**

**Large Package**

**Reception application**

Add new Patient – small package

Edit already added patients details – small package

Search for already added patients – small package

Reserve new medical service – small package

Identify the following in new medical service:

* حجز كشوفات – فحوصات - معمل
* حالة خاصة
* حالة مستشفى
* خاضعه ل 12 %
* الدمغة الطبية
* جهات التأمين
* بيانات المدفوعات المريض

Attachments – medium package

Patient Deposit – medium package

Outpatient invoicing manager – medium package

Safe Box manager – medium package

Reports

* Detailed revenue report – medium package
* Payments report
* Services and Doctors revenues report– medium package
* Patient deposit report– medium package

**PEMR Application**

Queue manager – small package

Serving Window – small package

Patient medical Record and previous visits – small package

**55,000**