Hospital Morshed Systems منظومة المرشد الصحي

Reservation & waiting, HIS Self Service, Digital Screens , Way Finding

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Digital Board

Clinic Room
Dental
Dr Jana Tarek
C089

Clinic Room
Children اطفال
Dr Ahmed Aly داحمد على
Ticket
A148

Queue Management

Digital Screens

Way Finding &
Room Navigation

Self Service

www.iMorshed.com

Reservation and waiting system

مرشد صحي

RECEPTION
APIs

HIS Self Service system

DIRECTORY

Media digital screens system

Wayfinding map & Navigation system

مرشد
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Health Morshed solutions
1. Reservation and waiting system
2. HIS self service system
3. Media digital screens system
4. Wayfinding map and navigation system

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مصنع - مخرج 17, الصناعية , الرياض

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Ticket list & media display

feedback display

Clinic Room
Children اطفال
Dr Ahmed Aly داحمد على
Professor
Ticket #
A148

Clinic Room
دجلا طارق
C089

Mobile queue

مدى
mada
VISA ⬤ ⬤ ⬤

PoS-SAMA payment

Clinic door display

Call panel

RECEPTION
Kiosk ← APIs → HIS

HIS-Kiosk integration

Dispenser kiosk

Reservation and Waiting system   نظام الحجز والإنتظار

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حجز ذاتى . دفع ذاتى . إنتظار , إعلام . تقييم , تقارير

⬤ ♲ ♺   🏦 Bank

Token Number
0148

Counter Number
01

يدأ يبد لوطن بلا مخالف

Token No	Counter No	Token No	Counter No	Token No	Counter No	Token No	Counter No
0122	05	0150	03	0147	02	0188	07

Clinic Room
Dental
Dr Jana Tarek دجلا طارق
Professor
Ticket #
C089

Clinic Room
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Professor
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خدمات الكترونية
مرشد
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ايصال

1003

Dispenser Kiosk

The machine component based on features requirements :
- Monitor : 15"-22" Touchscreen LED 4k
- QR-barcode card scanner
- Receipt printer, 80mm, auto-cutting
- A4/ dot-matrix printer
- PoS payment , MADA network
- Audio amplifier and HiFi Speakers
- LAN, WiFi, Bluetooth access
- Ready to Add/Replace devices at future
- Player : windows / Android os
- View format : multiple menus, selected pages
- Fingerprint scanner - *option*
- Digital phone scanner - *option*

Calling panel

Either On-desktop window SW or 7" touch panel , Android /IoT player
View format : Counter #, up, down, select buttons

Clinic door display

Monitor : 15"-19" LED, 2k, Android /IoT player
View format : Clinic name, Photo, Doctor name and title, Ticket #, a variety of design and digital background
WiFi/ PoE access, Wall/in-wall/ceiling Mount

Ticket list with Media display

Monitor : 49"-55" LED, 4k, HDMI & USB ports, Android /IoT media player
View format : Ticket status and Ticket list dialog, Media Digital Signage, media upload and broadcasting, a variety of design and digital background
WiFi/ PoE access, Wall/in-wall/ceiling Mount

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Optional services

Mobile Queue
Allow users to queue with smartphone
Real time queue with smartphone
Integrated Customer Feedback Solution
Dedicated mobile App Customized with client
(requires mobile Server)

Feedback panel
7" touch panel , Android /IoT player
View format : Smile evaluation buttons, a
variety of design and digital background
WiFi/ PoE access, Wall/in-wall/ceiling

Audio announcement & speakers
HiFi speakers
Arabic/English speech
Attention ton
Speech lockup table format

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QMS Software

Ticket kiosk menus, Web based service, Calling menu.
Counter browser, Admin functions, Reports
- Queue management system software: control and
manage the queues, can realize the function of multiple
language calling and multiple language translation, and
can realize the report statistic function
- Interface and language and ticket format can be
customized and you can add your logo or some other
information on ticket, like time, waiting, people, the
information can be editable
Pre-installed with Queue Management Software:
- Unlimited counter/door displays
- Unlimited services
- Complete queue monitoring & reporting for
  Administrator
Web base solution for Ease of operation & Customer
friendliness

Media digital signage screen

screen Templates design
Muti-zone selection or customize, Popular multimedia format :
video, image, Flash, HTML5, and Live TV optional, RSS and text
bar generator, Internet browser and media widow,
Date/time/winder widget
Scheduling and Publishing
Scheduling the contents to display in time line, Publishing the
content into all/group/single screen
Content multimedia library
List of campaigns
Support all multimedia formats
Power management
Controlled power strip 4 plugs, Auto ON/OFF power safety,
Daily/weekly operation schedule, Auto maintenance and clear
session

HIS Integration design

Hospital Moshed solutions can easy integrate
with all hospital information system, HIS, via
standard integration data and methodology

ISSA®
Morshed Kiosk Platform

Hospital Queue Management   نظام الخدمة الذاتية للمرضى   مرشد morshed

حجز مباشر. اعلام ذكى . تقييم , تقارير

HIS Self service system
نظام الخدمة الذاتية للمرضى
موعد , تقارير , تنويم , تقييم , مشاركة , تكامل من أنظمة المستشفى

مـــرشد
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Services

حجز موعد
طباعة موعد
طباعة موعد سابق
طباعة مشهد المراجعة

ادوية وتحاليل واشعة
طلب إعادة صرف أدوية
طباعة نتائج التحاليل الطبية
طباعة تقارير الأشعة
طباعة مواعيد الأشعة

تقارير طبية
طلب تقرير طبي
طباعة تقارير طبي
طباعة الإجازات المرضية

تنويم
إستعلام عن مريض منوم
طباعة مشهد التنويم
طباعة إشعار مرافق
طباعة ملخص الخروج بعد التنويم
طباعة مواعيد التنويم

تقييم وإقتراحات
تقييم الخدمات
إستعلام عن شكوى

مساعدة
حقوق ومسئوليات المرضى
نبذة عن المستشفى
كيفية إستعمال الجهاز
استعلام عبر التليفون

مشاركة عبر Sharing
شبكة التواصل الاجتماعى
إيميل
بلوتوث

خدمات الكترونية

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YOUR
LOGO

system

19"-22" Touchscreen
Fingerprint scanner
QR card scanner
Recti printer
A4 printer
Digital camera
LAN, Wifi, Bluetooth
Ready to Add/Replace
devices at future
Standalone management
Central management
kiosk UI & browser app
HIS Integration

RECEPTION

APIs
Integration

HIS

kiosk UI & browser design

- Full-screen browser resolution
- Secured browser and desktop
- Designing touch icons with finger size
- On-screen keyboard layout
- Simple words and little sentences
- More description images for definition
- ID theme colors and background pages
- Short sequence links and simple hyper pages
- Browser navigation: home, back, next, and help
- Browser session: session timer, screen saver, go-to-home,
- Compatible devices and functionality
- HIS Integration services and interoperability
- Independent pages based on APIs
- Fast processing and high responsibility

HIS Integration design

Hospital Moshed solutions can easy integrate with all hospital information system, HIS, via standard integration data and methodology

ISSA Morshed Kiosk Platform

Kiosk standalone management

SiteKiosk software : Media playback and live, Secured browser, Customized desktop, running control, Erase session, Internet filter, Logs, Error correction, Operational schedule

Central management software

SiteRemote software : Monitoring, Controlling, Management, Content updating, Reporting & statistic, Email/SMS notification, Tree groups, GIS Location map, Staff administration, Secured network

Morshed Informational Point Workflow

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HIS Self service system
نظام الخدمة الذاتية للمرضى
موعد , تقارير , تنويم , تقييم , مشاركة , تكامل من أنظمة المستشفى

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Kiosk machine and functionality

The machine component based on features requirements :

- 19"-22" Touchscreen
- Fingerprint scanner
- QR card scanner
- Recti printer
- A4 printer
- Digital camera
- LAN, Wifi, Bluetooth
- Ready to Add/Replace devices at future

Readability and Scalability

With Morshed fabrication design- Ready-body design in the future without change in the body

- Can add/replace built-in devices with any size
- Can change thin/thick depth when using A4 printer/scanner
- Renew identity using repress front side
- Open-box code design for most integration services

Kiosk Design & Components   تصميم مكونات الجهاز

① Pro-Lexan at front side	② Body & Decor frame at bi-side	③ Door metal at rear-side	④ Accessories-important
• Anti-broken, Insert & take-out, Can be modified	• Silver/gold/color decor metal frame	• Using Latch locked door for simple design	• Auto-controlled power strip & surge protection
• Digital press (Logo, labels & background)	• 2.2mm thickness metal/steel body	• Using depth locked door for transaction design	• Protected Screen glass, anti broken
• Renew the theme with events	• Ready to fixed any devices/functions	• Screen locked door, ventilation ,	• Daly/Weekly operation schedule
• No restriction to replace/change devices	• Protected connection cables	• Can be replaced the door for upgrading	• Auto-feed printer paper tray, 4000 A4 sheets
• Can hole the plate to add a devices in the future	• 110-220V/15A circuit breaker		

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Wall/Celling Digital Screens

Digital signage player
Easy customized design
Landscape/portrait view
CMS server & secured network

Tower/Stand Digital Screens
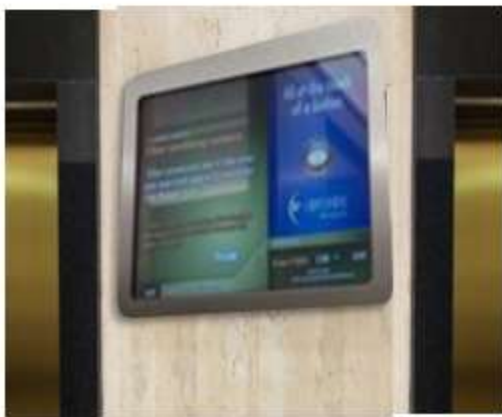
Digital signage player
Easy customized design
Landscape/portrait view
CMS server & secured network

Live Digital Screens

IoT/Android / windows os
Easy customized design

TV box player
CMS server & secured network

Time/Weather   HD Video   Wi-Fi AP

Poster   RSS   Picture

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Sign Digital Boards
Digital Screens

نظام اللوحات الرقمية الإشادية

شاشات رقمية , لوحات رقمية , بث مباشر ,

مـــشد
morshed

Wall/Celling Digital Boards

Digital signage player
Easy customized design
Landscape/portrait view
CMS server & secured network

Doctors on board

DIRECTORY

ADMISSIONS OFFICE	→
COURTYARD	↑
DINING ROOM	←
ELEVATORS	→
EXERCISE ROOM	↑
MAINTENANCE	→
RESTROOMS	←
ROOMS 102 - 127	←
ROOMS 128 - 135	↓
SPEECH THERAPY	→

Report/Magazine Digital Boards

Interactive digital signage
Memo and emergency map
Easy customized design
Central management

Directory Digital Boards

Digital signage player
Customized design

272 PARNELL RD

Left Digital Screens

Digital signage player
Easy customized design

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Mgmt via
Data center

Kiosk platform software

ISSA, Integrated Self Service Architecture platform (55 modules), Onetime licenses

Standalone management software

- Secured browser, Customized desktop, Erase session, Internet filter, Logs, Error correction, Operational schedule, Devices configuration, Functional integration

CMS Digital signage management software

- Info channel: two /one way browser, playback, Real-time, live TV
- Layout design : Multi-zone selection or customized design
- Content campaign: all format of audio, video, RSS, Tweeter, webpage, weather, images, text, text scaling, date, time, widget
- Scheduling: determine the contents in time lines to display
- Publishing : deployment into all/group/single screen
- Updating: sync the displays to update the content
- Reporting: player log and statistics
- Web-based : server-based, cloud-based
- Features: easy drag-and-drop, User friendly and WYSIWYG, campaign viewer, unlimited media players, Tree folders library, backup / restore capabilities

Central management software

Monitoring, Controlling, Management, Digital signage, Content updating, Reporting & statistic, Email/SMS notification, GIS Location map, Staff administration, Secured network

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Indoor
Navigation map

Way Finding Map

Special people
Tactile map

Smart building map   خريطة المبنى الذكى   مـــشد
morshed

Self Service , Queue Management , Digital Screens , Way Finding

An innovative system and an intelligent guide that provides sensible information to the building and determines the paths of rooms used by special people needs: blind, deaf, impotent

براءة اختراع عالمية والافراد جديد يتميز به مرشد دوليا
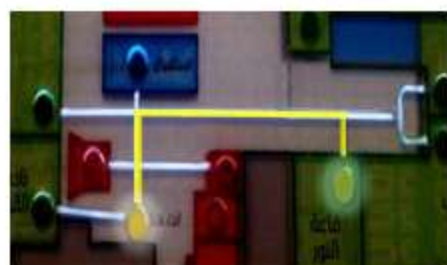

ما يميز مرشد – تصميم رموز تفاعلية مزودة بهزاز و اضاءة و صوت

Design prominent borders to denote inferential key combinations

System guide: definition of the system and its components, how to use it with sound, text and sign language

Centralized management for monitoring, controlling and updating data

Communication methods: LAN, WiFi, Bluetooth, Beacon, USB

Breakage Map Panel With Luxury Metal Frame And 5 Years Warranty

Colorful metal base with plate to print customer's logo and name

Design a base with a special inclination to accommodate the physically challenged

The standard size is 120W x 70D x 90H cm and can make customized sizes

Optional functions

The ability to control the volume: sound, writing, lighting Headphone port

Telephone feature to chat with the specialist

Send inferential video clips of tracks to mobile via Wi-Fi or Bluetooth

Voice command operation feature

Intelligent navigation path system for indoor follow-up

Deaf Signal Interpretation Window

Murshid is unique in designing various sensory figures that interact with human sensing means (vibrator + lighting + sound + symbols) to suit all people according to the ability to use them

The system is characterized by an unlimited number of interactive points to apply any map according to the site requirements

The system is characterized by prominent dynamic paths illuminated identifying with an interactive code "You are here" (rocking + lighting + sound) and even an interactive code "door room" (rocking + lighting + sound) in addition to intermittent flashing of the required room area

Orientation screen: for describing tracks: text, audio and sign language

Inferred metal keys, silver and gold, and prominent colored symbols to indicate places

The ability to design a prominent map of the building consisting of more than one floor

Professional, dynamic images resemble a reality in the rooms

Various colors design to indicate grouped categories (academic, administrative, service)

Digital printing of the background of the map, resembling the reality of the floor of the building

Heuristic keys and symbols - left part
Stylish metallic, silver-tone interactive buttons
Colorful prominent icons of the building map
Print addresses in Braille, Arabic and English - optional
Notable boundaries for group separations

Sensory mini map - meddle part
The building outline has distinctive, realistic-like physical sculptures of the building's rooms and methods
Floor plan - design a plan for more than one floor (ground, first, second)
Room Door Icons- Interactive with vibrate, light, sound, symbol, and color feature
Room Paths - A prominent interactive feature with dynamic lighting
Backdrop of rooms - Reality-like and dynamically lit photos
Corridor Background - Print the background of the building's floor-like reality
Categories wallpapers - various colors, divided the chart according to categories and services

The name and logo of the plaque - at the top right
Logo, customer's name, and building map name

Path description screen - left pane
19 "longitudinal screen protected against breakage
Deaf sign language window
Voice and text window
Visual window - optional

Guide and system list - bottom right
Metal Pilot Interactive Help Buttons (Silver / Gold)
System definition and user manual with voice, text and sign language
40 watt stereo headphones
Headphone port - Optional
System screen control - Optional: sound, lighting, typing

Added functions - optional
Telephone query to chat with the specialist
Send video clips via Wi-Fi or Bluetooth
Masari mobile application for positioning inside the building
Intelligent indoor navigation path system
A window for translation and inferred paths to the mobile via the instant Wi-Fi for the deaf signal
Play voice commands

The structure of the device
The Pro-Lexan 18mm Map-board is anti-fracture with a digital backdrop, surrounded by a luxurious metal frame
Base with inclination to accommodate the physically disabled
Logo, customer name, service and digital backlight
Computer case and peripherals
Standard size: 120 x 70 x 90 cm

Operating system, means of communication and central administration
Windows / Android system
Communication methods: LAN, WiFi, Bluetooth, Beacon, USB
Centralized management for monitoring, controlling and updating data

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Interactive wayfinding map app

- Smart welcome screen module – auto-feed (without personal) of each of: News, Tweeter, Ads
- Wayfinding module – dynamic path, Menu lists , floor indicators, Info room, search engine
- Building map module – mapping of each of: Biuding/s , floors, google earth, 3d view, emergency exit
- Digital board module – clinic schedule, news & events
- About Building module – Mission & targets, Organization, photo album, …
- Emergency module – phones list, exit paths, awareness tools
- Route module : speech, text, image, video, Mobile linke
- Notification module: ads, memos
- Support Arabic and English language
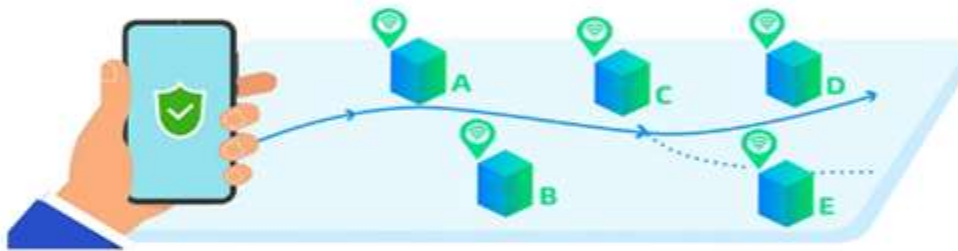- Support On screen virtual keyboard

wayfinding backend SW

- Map design composer
- Dynamic paths data
- Content update

Indoor Navigation map

خريطة الملاحة داخل المبنى
دليل ومسار الغرف . اعلام ذكى . خدمات إلكترونية .

Beacon technology

Beacon has connected with the client as well as a server to send and receive data. Once receives the information from the server and passes the message or notification to mobile app notification via popup. It helps you to find the product location using the technology, but one condition that you must have Bluetooth enabled the device as well app on your smartphone.

Live Beacon

Live Beacon is a small, battery-powered, cloud-controlled device that transmits web content to smartphones and tablets up to 30 meters (100 feet) away.

Live Beacon makes it possible to:

•Transmit information about any object or place. Like a painting in an art gallery, an artefact in a museum, or the menu in a restaurant.
•Create self-guided tours, where the information automatically changes as visitors move from one beacon to another.
•Share content with an audience; whether that's a handful of colleagues in a boardroom, a class of students, or thousands at an event.
•Build awesome location-based experiences; such as mazes, soundscapes, treasure hunts, and more.

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Morshed Product Lines

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Self Service . Media . eLearning

<u>الرياض</u>

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