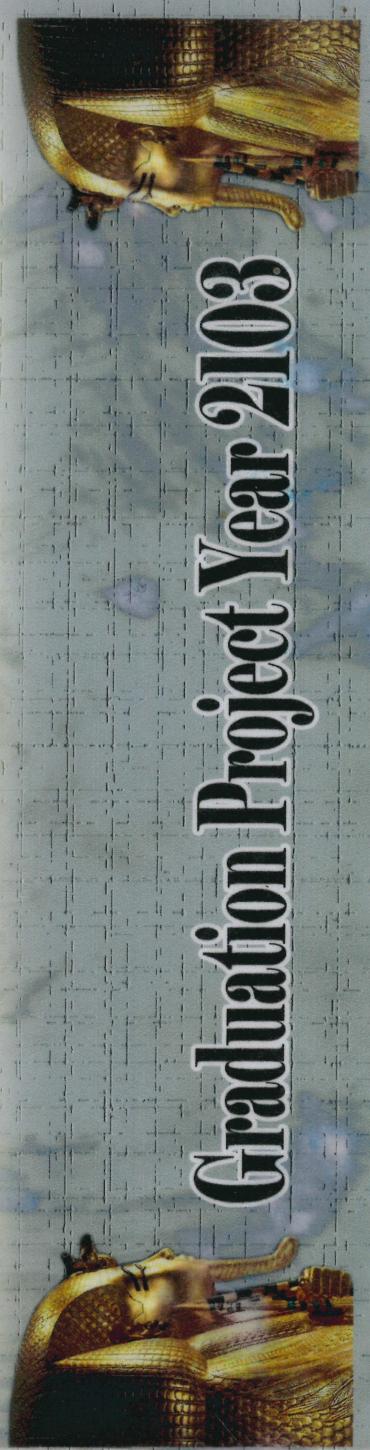




Smart tourist guide

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Abstract

With the recent and fast developments in technology, smart phones offer many advanced services rather than making calls, so the number of smart phone users increases day by day. User can install and run many smart phone applications that make life easier or enjoyable. One of the areas that users can benefit from smart phone applications is tourism. Many tourists visit a region or city in limited time which may not be enough to visit everywhere. So that tourists are obliged to select attractive spots. Usually they make this selection by searching web sites, magazines, or guidebooks. After the selection is made, the tourist decides the trip route which can take a lot of

ime. Tourists face several difficulties acting this way:
nformation in guidebooks is mostly not up-to-date, spots
are (partly) closed due to renovation and some
timetables (museum, for example) are unavailable.

Thus , we seeks to build up an application "STG " Smart
Tourist Guide that can provide valuable not up-to-date
information to guide the tourists in their trip.The Application
can als save time and efforts .

The main objective of this Application

is when user are on the move, it is able to provide rich and
concise information timely and make them access the service
at anytime and anywhere. The proposed system is based
on online request and response .

-This Screen shot describe all available spots in Cairo city.

The screenshot shows a terminal window titled "MySQL Command Line Client". The command entered was "select * from cairo;". The output displays a table with columns: place1, place2, place3, place4, place5, and place6. The data rows are: Hotels, Entertainment places, Markets, Tourist Places, Hospitals, and Restaurants. A note at the bottom indicates "1 row in set (0.24 sec)".

```
MySQL Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 1 to server version: 5.0.27-community-nt-log
Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

mysql> use project_server;
Database changed
mysql> select * from cairo;

+-----+-----+-----+-----+-----+-----+
| place1 | place2 | place3 | place4 | place5 | place6 |
+-----+-----+-----+-----+-----+-----+
| Hotels | Entertainment places | Markets | Tourist Places | Hospitals | Restaurants |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.24 sec)

mysql>
```

2.4 Relationships between tables

Main Database's Tables



Smart Tourist Guide, contains The most important spots in Egypt, especially in those cities (Cairo , Alex , Luxor , Sharm El-sheikh, Hurghada).

Tourists are able to view the all spots based on the categories (Hotels , Tourist places , shopping, restaurants, parks, Hospitals, antiquities, and Entertainment places)



Smart Tourist Guide provide all spots with their attributes such as a brief description, place addresse ,telephone number ,images , price if available work hours, are stored in the database on Application's server. In addition tourists can see all the nearest spots on the map including Hotels , restaurants and other points of interest according to their current location.

Restaurants									
1	Name	2	Address	3	Telephone NO.	4	Price	5	Hours
6	Photo	7	Cuisines	8	Location on Map	9	Distance	10	Search
Hotels									
1	Name	2	Address	3	Telephone NO.	4	Price	5	Hotel Level
6	Photo	7	Gallery	8	Location on Map	9	Distance	10	Search

Entertainment Places

1	Name	2	Address	3	Type	4	Hours	5	Search	6	Photo	7	Location on Map	8	Distance
----------	------	----------	---------	----------	------	----------	-------	----------	--------	----------	-------	----------	-----------------	----------	----------

Trade Markets

1	Name	2	Address	4	Type	5	Hours	6	Photo	7	Telephone NO.	8	Location on Map	9	Distance
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Tourist Places

Place

Address

Details

Photo

Distance

Map

Hospitals

Name

Address

Telephone No

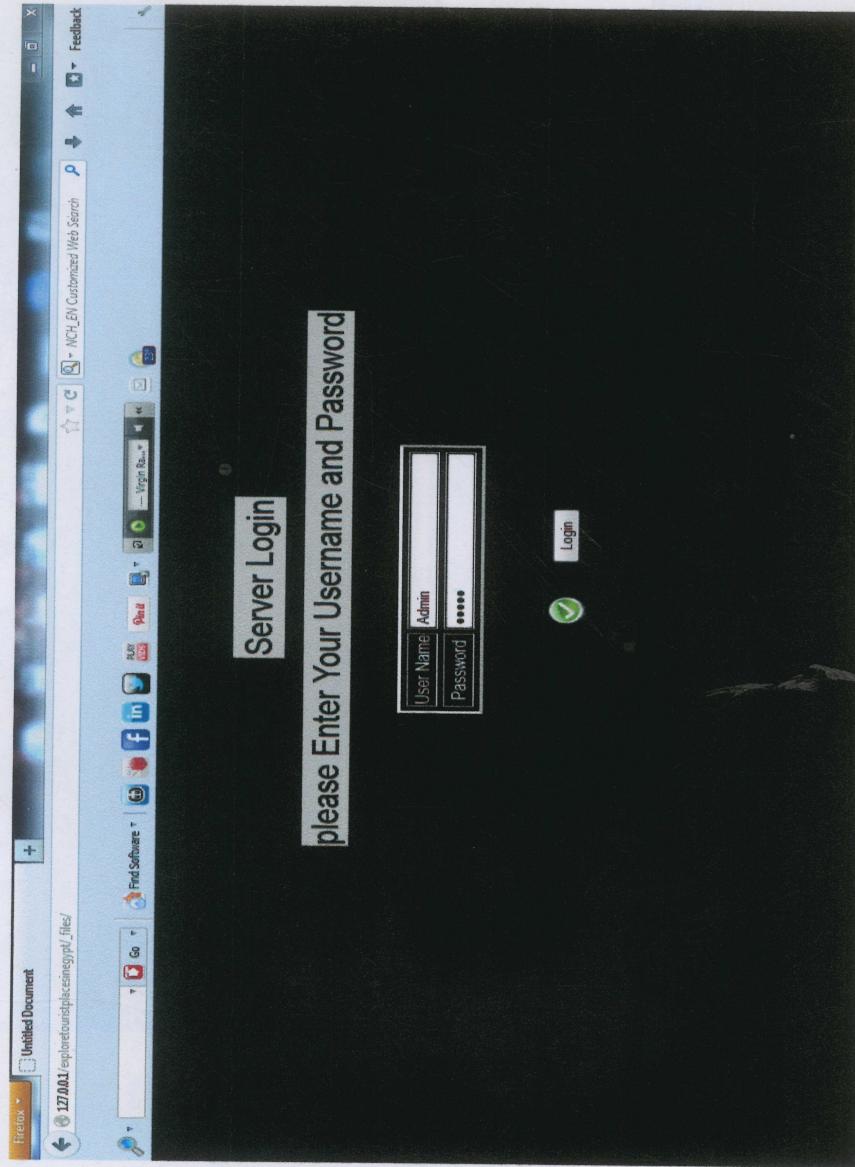
Photo

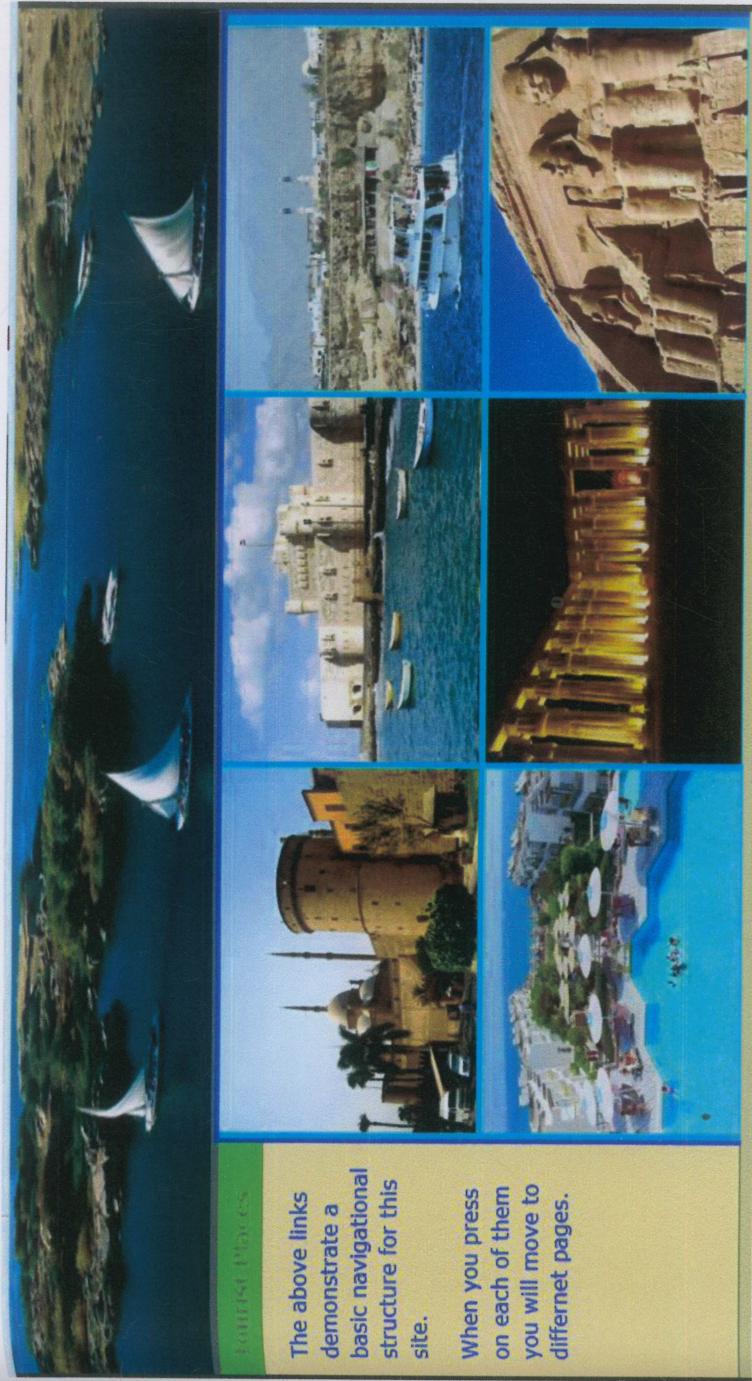
Search

Map

3.4 Web Service Design

1-Login Registration Page





Cairo Tourist Places

Place	Address	Details	Photo
Great Pyramids & Sphinx, Giza Plateau	located in Giza, Egypt, on the west bank of Nile River near Cairo . The pyramid is located at the northern edge of the Giza plateau	The Pyramids themselves are a constant and popular attraction for the world at large . They stand for ancient Egyptian civilization best and most archetypal work . Together with the Sphinx, they simply embody ancient Egypt	
the Egyptian Museum	al-Mathaf al-Masri, Midan El Tahrir, Cairo, 11657, Egypt	The Egyptian Museum owes its existence to the Egyptian Antiquities Service, established by the Egyptian government in 1835 to limit the looting of Egypt's priceless artifacts. The museum opened in 1858 . It was originally housed in an annex of the palace of Ismail Pasha in Giza, the museum moved to its present location in 1900. The Egyptian Museum collection includes over 120,000 items	
The Tower of Cairo	Zamalek district on Gezira Island in the River Nile , close to Downtown Cairo.	is a free-standing concrete tower located in Cairo, Egypt. At 187 m (614 ft), it has been the tallest structure in Egypt and North Africa for 50 years	
Tour the Khan El Khalili Bazaar	Al Azher st., Cairo, Egypt	The Khan El Khalili Bazaar is one of the oldest markets in Egypt, begun in the late 1300s. This bazaar still operates and allows you to experience an exciting world where treasures can still be found.	
Saladin Citadel of Cairo	Mokattam hill near the center of Cairo, Egypt	the Saladin Citadel of Cairo, is one of the most popular tourist attractions in Cairo and throughout all of Egypt . The Citadel is part of the Muqattam Hill near the center of the city	
Djoser Step-Pyramid in Saqqara	northwest of the city of Memphis, Egypt	Djoser Step Pyramid in Saqqara is one of the oldest pyramids in all of Egypt, built under the supervision of the famed royal architect, Imhotep and dates as far back as the 27th century BC	
Dashur Pyramids	located in the desert on the west bank of the Nile approximately 40 kilometres	It is known chiefly for several pyramids, two of which are among the oldest, largest and best preserved in Egypt. Built from 2611-2590 BCE.	

Cairo Hotels Page

Hotel Name	Hotel Level	Address	Price	Telephone	Photo
Sofitel Cairo El Gezirah	****	3 El Thawra Council St Zamalek,P 147	120	02-27373737	
Intercontinental Cairo Semiramis	****	Corniche El Nil, Cairo, Garden Ci	144	02 27957171	
novotel cairo airport	*****	Salah Salem Highway Po Box 8 Cair	125	02 22918520	
Radisson Blu Hotel Cairo Heliopolis	*****	Abdel Hamid Badawy St Heliopolis	140	02 26965656	
Fairmont Heliopolis Cairo	*****	Uruba Street Heliopolis Cairo	112	02 22677730	
Concorde El Salam Hotel	*****	65 Abdel Hamid Badawi St,Heliopol	162	02 26226000	
Oasis Hotel	***	Alexandria Desert Road Cairo	70	02 24157771	

Cairo Restaurants

Name	Address	Telephone	Hours	Cuisines	price	photo
Lan Tania	Fairmont Heliopolis & Towers, Cairo, Uruba St,Heliopolis	N/A	2PM - midnight	Thai	Moderate (LE75 to LE150)	
Oak Grill	Conrad Cairo, 1191 Corniche El Nil(Down Town	2580 84 40	7PM - 1AM	Oak-smoker oven	Expensive (LE150 to LE250)	
Richoux	Citystars, Omar Ibn El Khattab St., Phase 2, 3rd Floor Heliopolis	2480 25 31	10AM - midnight	Afternoon tea & Seared Teriyaki Salmon	Moderate (LE75 to LE150)	
Kamala	Conrad Cairo, 1191 Corniche El Nil Down Town	02 5808430	7PM - 1AM	Open kitchen	Moderate (LE75 to LE150)	
Abou El Sid	157 26th of July Cairo	02 27359640	Daily Noon-2am	Egyptian	Average Main Course Price is 46	
Mojos Lounge & Grill	106 Town Center ,off 90 Rd, New Cairo 11767	01229269269	Sun-Wed 11am-1am , Thu-Sat 11am-2am	European, Mediterranean	Average Main Course Price is 15	
Lai Thai	35 Giza St ,Four Seasons Hotel	02 35672122	Lunch SatThu Noon-4pm,Fri Close Dinner , Daily 6pm	Asian, Thai	Average Main Course Price is 35	

Cairo Hospitals

Hospital Name	Address	Telephone	Fax	photo
Cairo Medical Centre	4 Abou Obaida Al Bakry Roxy Helipolis Cairo	02 24509800	02 24521072	
Cleopatra Hospital	39 Cleopatra Street,Salah El Din Square,Heliopolis	02 24143931	02 24178206	
El Salam International Hospital	Corniche El Nil , PO Box 338 , Maadi	02 23030501	02 23030140	
Hawwa International/Egyptian British Hos	25 Mohammed el Galmimi Street	02 2760258	02 23605195	
Integrated Clinic	59 Abdelmonem Road ,10th Floor, Flat 32 El Mohandeseen	02 65355332	02 120240504	
Nile-Badravi-Hospital	Nile Corniche Road - Maadi , Cairo Egypt	02 25240022	02 25240072	

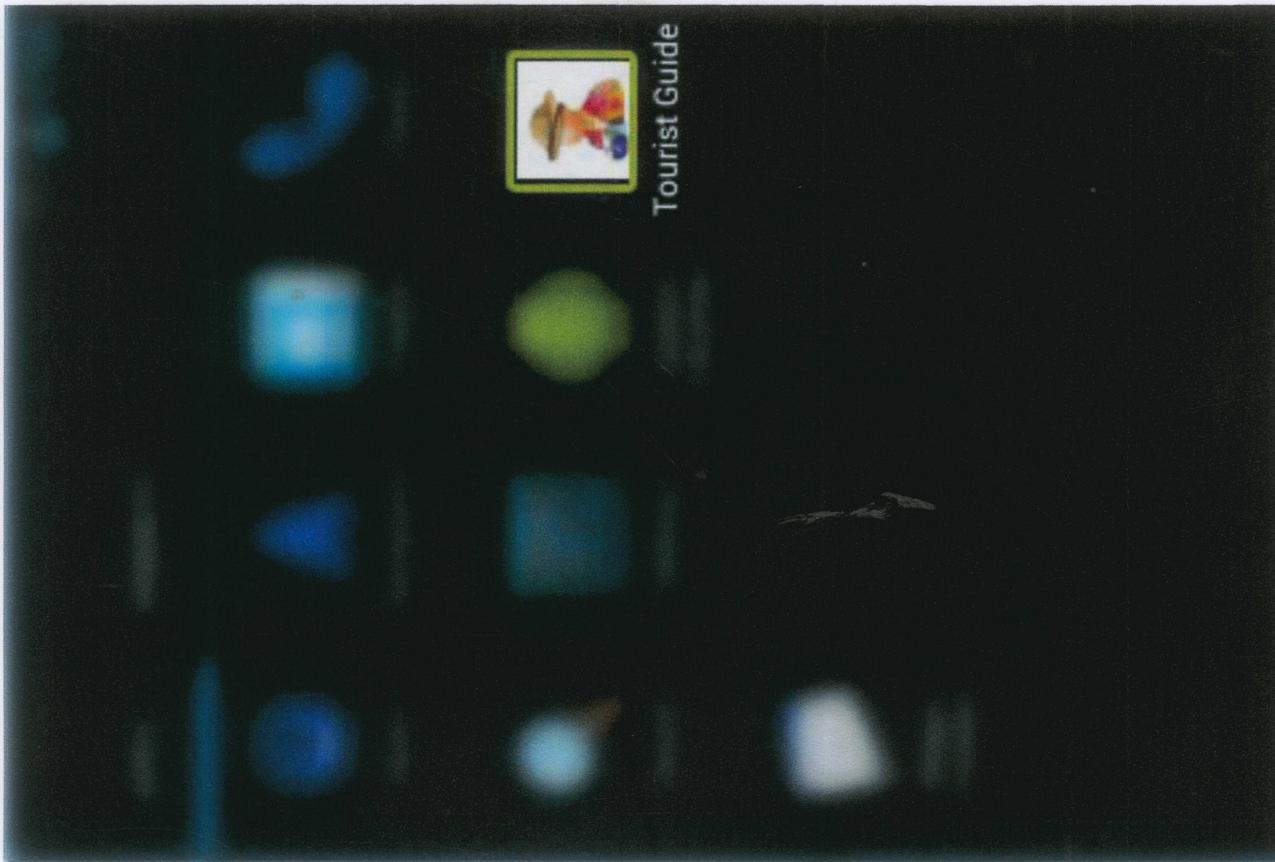
Cairo Trade Markets

Shop Name	Type	Address	Hours	Telephone	photo
Tulipe	Home Accessories	Sun City Mall, Autostrad Rd /Shop 17, Fourth Floor Heliopolis	daily	01143696231	
CityStars	Malls, Shopping Centers	2 Aly Rashad St ,Star Capital 2,Cair	Daily 10am-11pm	N/A	
El Horraya	Home Accessories, Womens Wear, Accessories, Jewell	First Mall, Shop 101,35 El Giza St,Giza	11AM-10PM	0111164584	
Zeinab Khalifa	Jewellery	1A El Sayed Bakery St,Zamalek	10AM-10PM	0227365251	
Mobaco Cottons	Clothing Stores, Specialty Shops	248 Sudan St,cairo	Daily 10am-7pm	02 37080071	
Talaat Harb Street	Shopping Districts	downtown Cairo, Egypt, connecting Tahrir Square	daily	N/A	
Al Khatoun	Fine Craft Galleries, Specialty Shops	3 Muhammad Abdouh ,Behind Al Azhar Mosque	Daily 11am-9pm	02 2514 7184	

[27.0.1_explorertouristplaceinegypt/_files/cairorestaurants.php]

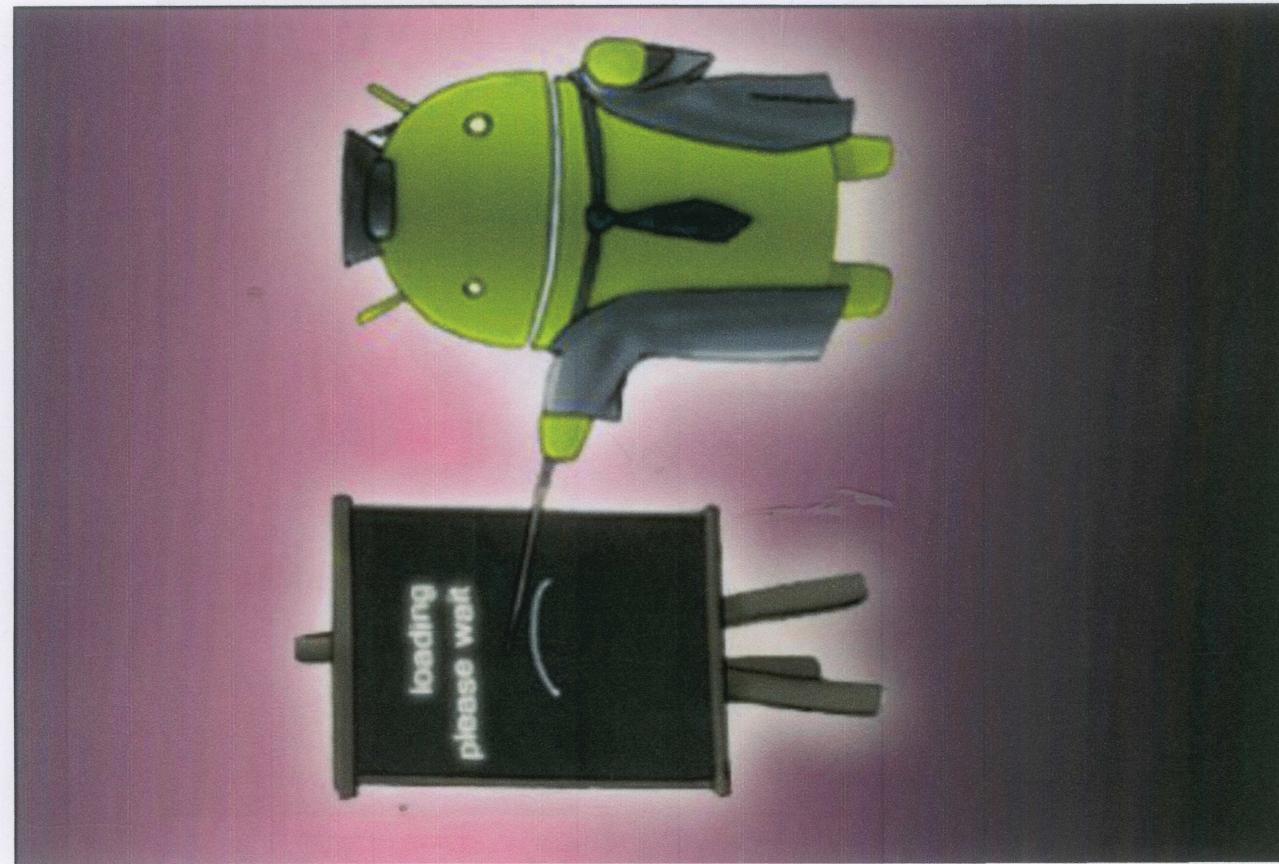
5.1 How The Application Works?

1- This is the Smart tourist Guide Application's Icon

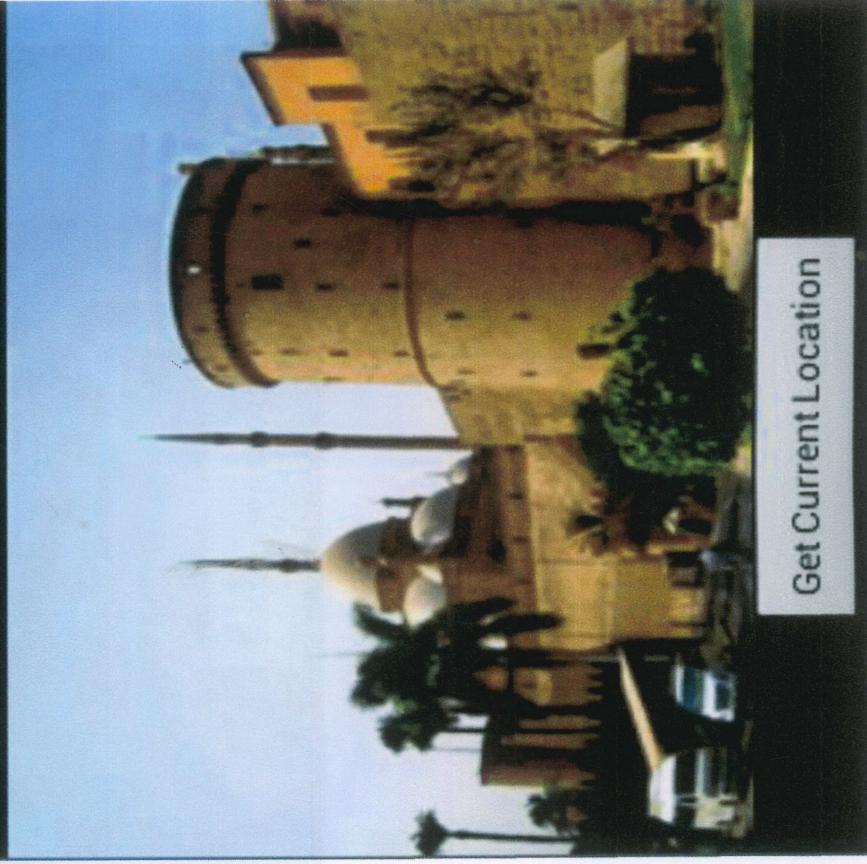


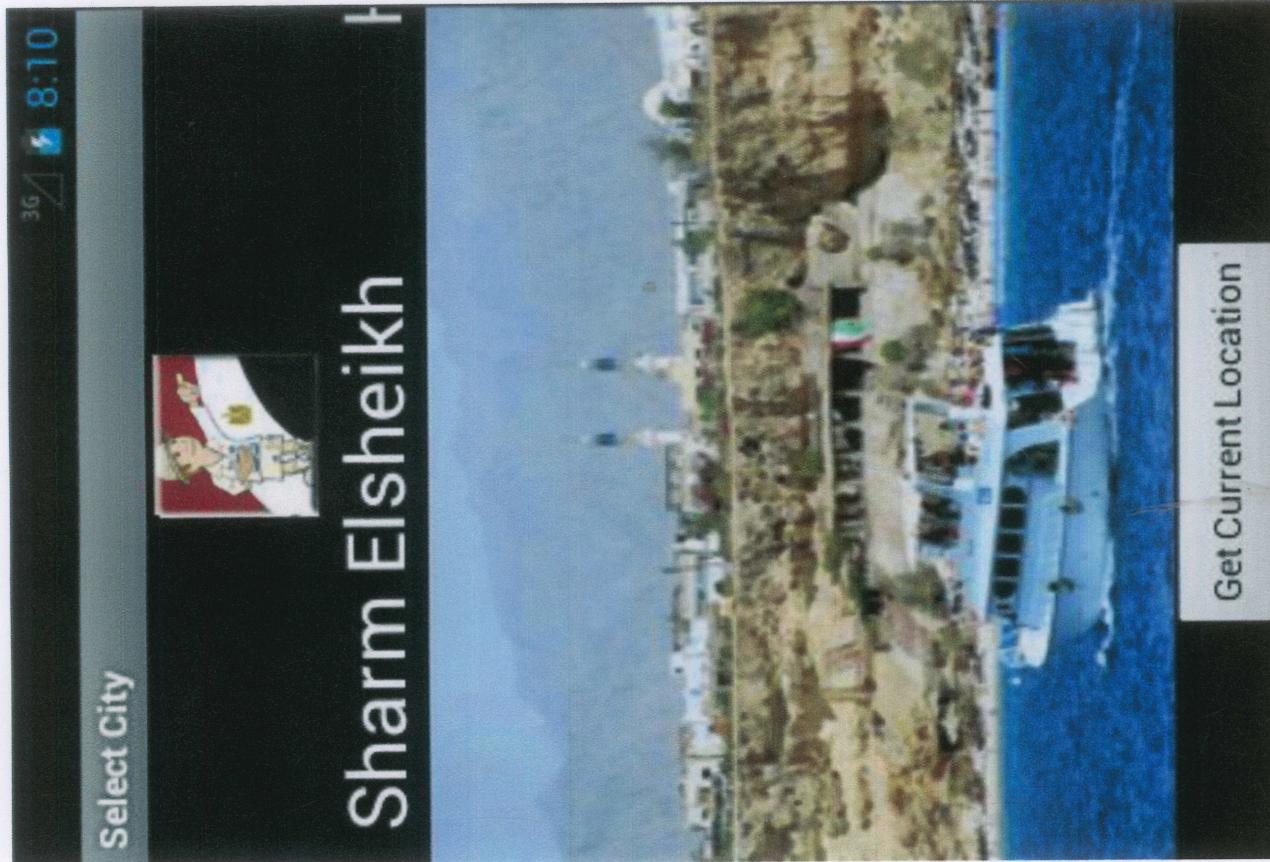
2-The Initialization Screen

This is the first screen through which the application is loading to start.

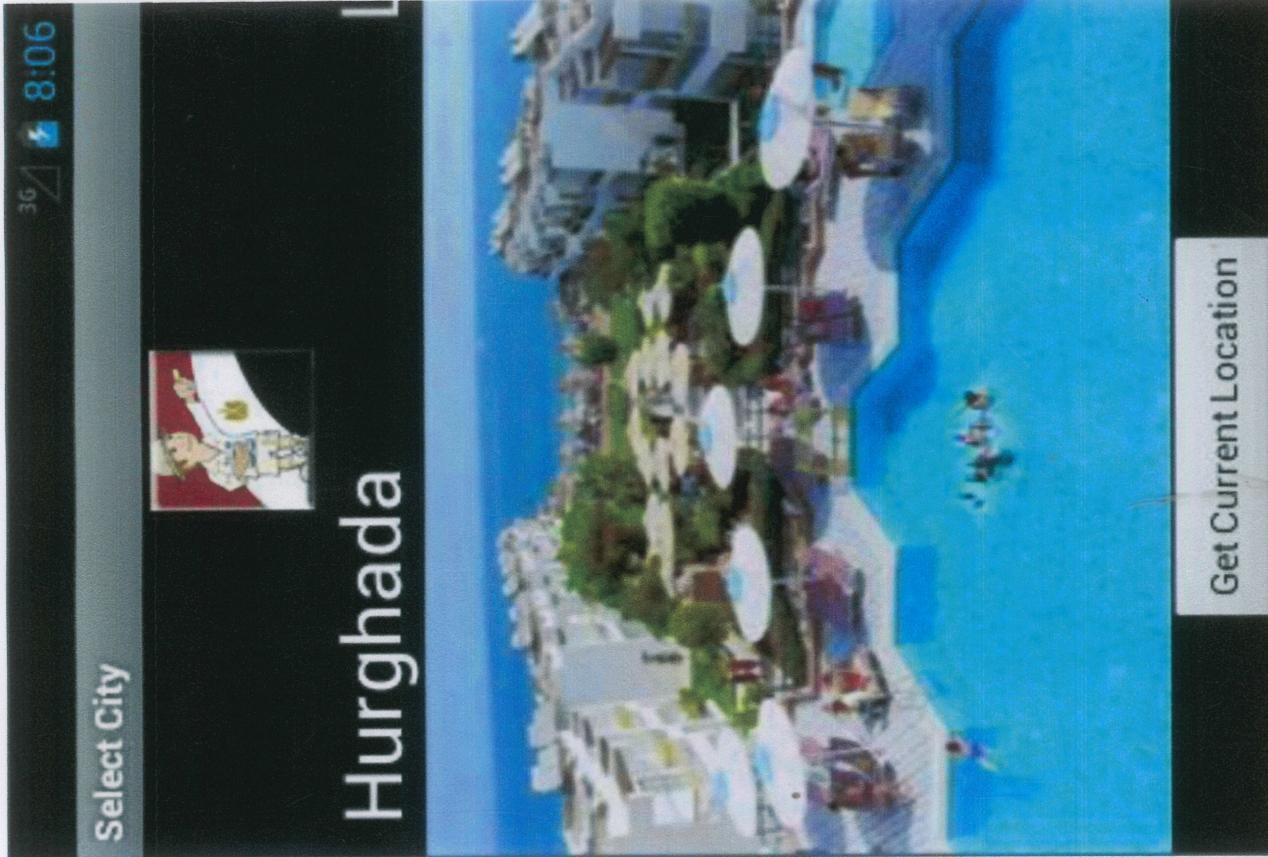


3- These screens contain gallery of five images for famous tourist cities in Egypt.







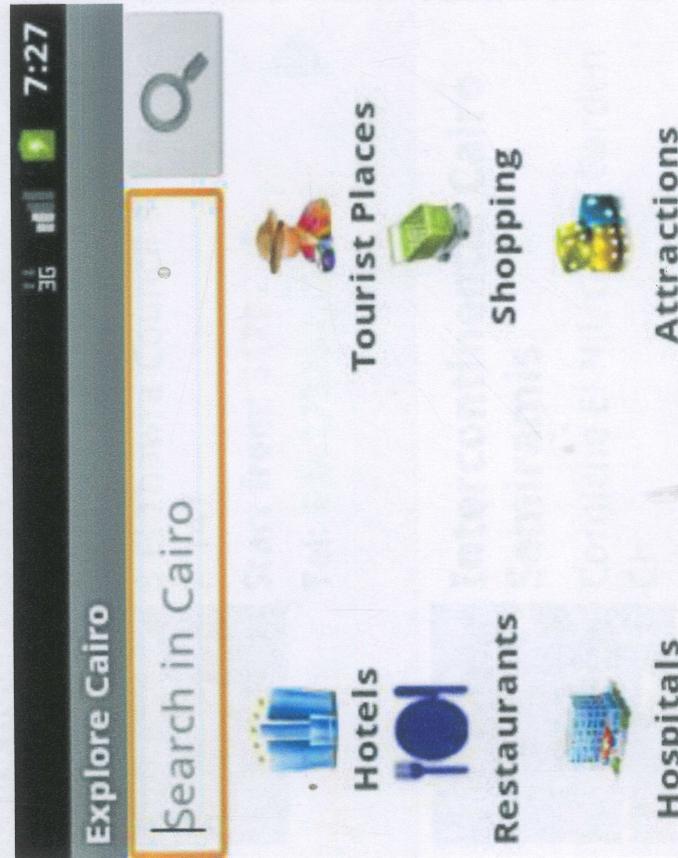


4-under this gallery there is button called "Get Current Location" this button enables the user to get his/her current location on this map using google map and GPS



4-under this gallery there is button called "Get Current Location" this button enables the user to get his/her current location on the map using google map and GPS

5-this screen will appear when the user presses a certain screen City of the previous gallery



6-When the user press on hotels icon from the previous screen the Following screen will appear >>

The screenshot displays a list of four hotel entries, each with a green upward-pointing arrow icon to its right. The first three entries have yellow five-star icons at the bottom right, while the fourth entry has a black five-star icon.

Hotel Name	Address	Start from:	Tel:	Rating
Sofitel Cairo El Gezirah	3 El Thawra Council St Zamalek, P 147	\$120	02-27373737	★★★
Intercontinental Cairo Semiramis	Corniche El Nil, Cairo, Garden City	\$144	02 27957171	★★★
novotel cairo airport	Salah Salem Highway Po Box 8 Cair	\$125	02 22918520	★★★★

7-This Screen show gallery of more images for ascertain hotel, in which the user select and press .



7-when the user press on Hospitals icon from the Main screen Of any city .

The screenshot shows a mobile application interface with a header bar at the top displaying signal strength, battery level, and the time (7:33). Below the header, there are four cards, each representing a hospital with its name, address, contact number, and a small thumbnail image.

- Alex Hospitals**
Faragalla Alex Hospital
Zaher Bayoumi St.? EL HADARA
KEBLY
Tel: **033801770**

- Alexandria Medical Center**
14th May Road
Smouha Alexandria
Tel: **034202652**

- Egyptian British Hospital**
Bahaa El Deen Gatawy St.
Smouha
Tel: **034274777**

- The German Hospital**
56 Ahd El Salam Aref Street
