**Sharq Application**

Phase 1.1 Development Requirements

June 6, 2016

Introduction

Sharq is an Arabic mobile application that provides you with the latest Arabic and international news from the most important and the best sources from different news agencies. The application basically utilizes automated data extraction method to automatically pull news from predefined sources and provide it to end users based on their location, favorite tags or subscriptions.

Additional Requirements:

The following describes the list of requirements to be implemented and added to both the

Android mobile application and the backend that supports it.

Login & Account Management

**1. Login**

Forgot Password should allow the user to enter his email to recover his/her lost password. The mobile app will validate the email against existing accounts and send an email to the designated account with a link to reset the user’s password. If the email does not exist, the user will be presented with an error message stating that the account email is not valid and suggest registering a new account.

***Requirement from PremaIT***: HTML templates for the email that the user is going to receive.

**2. Optional Login**

Skip login functionality allowing unregistered users to use the App which it saves their preferences locally (News, subscriptions, keywords etc…).

This means that the backend should auto generate in cooperation with the mobile app a unique identifier for the guest user and send a token specific to that guest user.

The backend should add a flag to indicate guest users and should not display guest users in admin listings.

**3. My Account**

My account will have the following functionality: (You can include under “My Account” tab in the left side menu)

A. Edit Account Info: View registration information and ability to edit full name field & Password in case of normal registration. If any other login methods have been used (Facebook or Google) then those information cannot be changed.

B. Connected Account: Described in section #4 below.

C. Logout

**4. Connected Accounts**

Display the list of connected accounts and enable the user to disconnect (Remove) authentication token information stored in the database.

**5. Optional Feature - Guest & User Profiles & profile pictures**

Provide a UX which indicates that the user is a guest or not (From section #2, Optional

Login) is to implement the left side menu similar to google play where an anonymous picture appears for the guest user. For the standard user, “My account” screen has to contain functionality to enable the user to change his/her profile picture.

Interests

The list of interests that the user chooses should be used in the backend to send notifications

to the user about new categories that fall into his list of interests.

The non UI notification received by the app will be used to flag the next app run to show an

overlay dialog screen which shows the newly added categories, since the user’s last visit and

that fall under the user’s interests with the ability to let the user subscribe to those new

categories (UX same as the categories screen).

In addition, user’s interests will be used to sort/order the websites so that ones that focus on

the user’s interests are shown first and the rest that don’t will follow.

Ads integration with Admob

Every screen should have a small banner at the bottom except for the newsfeed screen. The

newsfeed screen will have a square (article-like) ad which is supported by admob to be

displayed every predefined number of articles (ex: displays an ad every 6 articles)

Article Screen

1. Enable user to download an image for a certain article in the article screen.

2. Highlighted keywords within the article which is predefined by the user. That scenario

should only happen if the user selects one or more keywords from the right hand side

menu and clicks to read the details of an article. The selected keywords before

entering the article details screen will be highlighted in the article details screen.

3. Share link from Sharq rather than the original website.

Contact Us Screen

The screen will show Sharq contact information set from the backend. The information include:

1. Address

2. Phone number

3. Mobile number

4. Fax number

5. Email address (Clickable to open the email client for the user to send an email)

6. Geo location coordinates (Clickable to show google maps to the set location)

7. Facebook page link (Clickable to open the facebook app with that page)

8. Free text area for comments or announcements

In addition, the screen will contain a form which is going to request the user to input:

1. Name

2. Email

3. Subject

4. Message

Where name & email are going to be auto-filled in case the user’s profile has these information.

The form is going to enable the user to write a subject and a message which will in turn be sent

to a pre-defined email address (Hardcoded in the app).