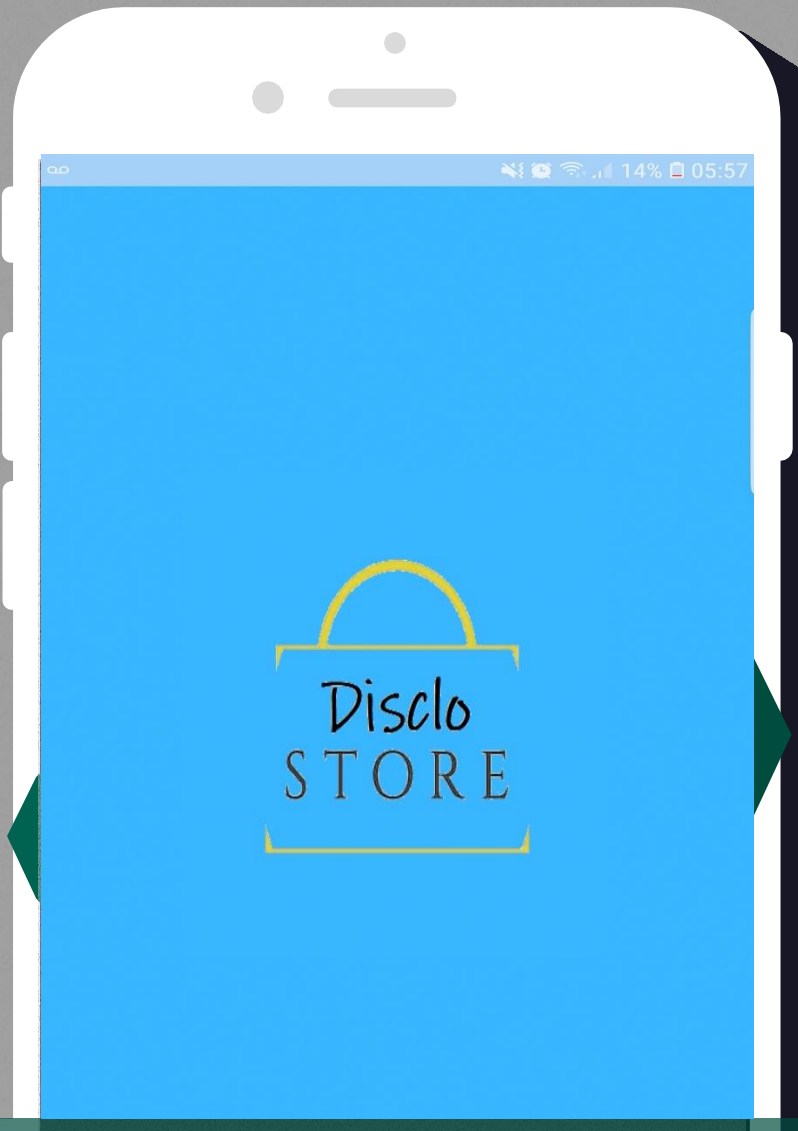


DiscloStore APP

Android

DiscloStore

OVERVIEW

We welcome the opportunity to build mobile app (Android). The application helps the shop owners to advertise their products by complete a related form to their products and shop and it helps the customers to know where to find their needs by viewing a location for their needs, work times and full information for related shop. **The application containing several shop categories**. For each category the users will be able to view a **list of shops** that related for each category, with **showing information**. In addition, ownerships can register their shops.

ABOUT Disclostore

Disclostore is a mobile app developed during mobile programming course at university. The team consist of 3 students:

1. Arkan Jbali.
2. Suleiman AbdElnabi.
3. Mostfa Mraei.

We work together to build compelling app that provide lasting excitement and value to the end users. Our understanding of mobile and web-based technology empowers us to bring a level of expertise to your needs like no one else.

OUR PROCESS

Discovery

We work with together to understand all the requirements and need then; we merge their initial concept with everything the Disclostore team knows about mobile. We'll assess the possible challenges and identify the ways to overcome them.

Features & Architecture

We establish what features go into the product and how they will **work together. Here, we're drafting a skeletal framework for the app** in the form of wireframes.

Design

When it comes to first impressions, it's all about design. We'll put our passion for good design to work and based on approved wireframes we'll design all screens.

Development

The development process is broken down into sprints based on feature sets. Our agile-based development process will allow you to regularly review and assess what we're building.

Quality Assurance

Our Quality Assurance team will test the app after each development sprint and once all major functionality is implemented, we'll prepare a Beta Build.

Launch

After passing the Beta Build through a final round of QA and refinements, we'll have in our hands a Release Candidate Build. We can either submit the app to the App Stores or provide you with everything you need to do it yourself.

Maintenance

We provide our clients with 3 months bug fixing period, free of charge, and maintenance packages that cover everything from small updates all the way to whole new versions.

Approach to meet requirements

The mobile app will be installed for free and will contain catalog of shop categories. In order you should choose a category then choose a shop to browse its information and details.
The app is divided into 2 types of users:

1. **Customers:** browsing categories and shops.

2. **Ownerships:** they can add a new shop, view their shop, and update shop information.

In order to make the app we will have the following components:

- **mobile app**
- **admin area**
- **backend (server)**

The backend **will need to have information about all categories (DB),** because it will allow ownerships and customers to browse the shops.

The admin area will let you see a list with all the shops that have been added with the app. This list will be protected with a login screen.

The mobile app will be in English and will have the following screens:

1. **Login.** This to login into the app, forget password choice, and ability to register new account.
2. **Registration.** Thisregistration form you should fill all the fields according to its constraints, and choose your role.
3. **Customer** accounts: when logged into account will be navigate to dashboard, that consist of all shop categories.
   3.1 **Can choose a category**, then choose a shop, finally the shop info activity will be opened.
4. **Ownership** accounts: the ability to view and update their shop information.

Technical solution

We are using RUP (Rational Unified Process), so the development of parts from the components can be done in parallel. The diagram from the costs and timeline will explain how the components are done in parallel. Technologies proposed for the development:

1. Backend and Database

We have selected **a [1]Java-based** stack to implement the backend and the **[2]Database based on SQLite, [3]Image Provider API, [4]Google Maps API**, and all implemented on **[5]Android Studio**. As opposed to more traditional technologies, Java is a popular one but growing quickly on the server-side, and we selected it because of its stellar performance and better scalability.

2. Mobile app

The Android mobile client application will run on all phones with **Android SDK 15.0** or newer that include Google services.
It will be developed using the android development tools provided by Google. The app will run in portrait mode and will have a common layout and look-and-feel across all form factors (phones and tablets).
During the development phase we propose at least the followings:

- Each week we are delivering demo files (Images, classes or DB queries).
- Each week we must have a general sync meeting to discuss: last week's
  - progress based on the demo provided.
  - next week plans.

Tools used by Disclostore:

- Microsoft Excel for detailed time tracking (Milestone).
- Email and Google drive for sharing document, specifications and content.
- GitHub version control server.

Timeline

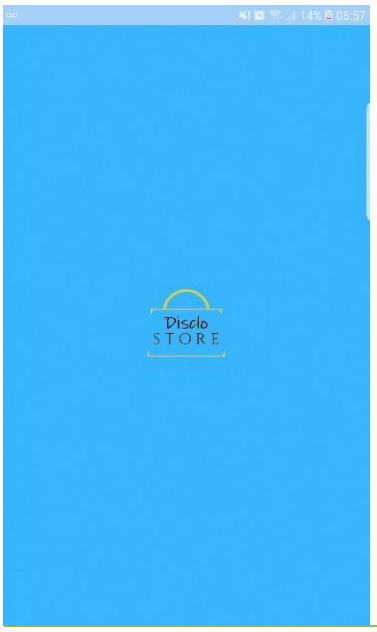
Weekly Work Schedule

	Sunday		Sat		Tusday		San		Mon		Tus		Wed		San		Wed	
	6/5/2019		18/5/2019		8/5/2019		19/5/2019		20/5/2019		21/5/2019		22/5/2019		26/5/2019		29/5/2019	
Task	Who	Done	Who	Done	Who	Done	Who	Done	Who	Done	Who	Done	Who	Done	Who	Done	Who	Done
Requirements	1	✔Done																
Documentation	1,2	✔Done																
FirstPage/Login			3	✔Done														
Catalog Page			1	✔Done														
Github Branches			1,2,3	✔Done														
Registration Page			2	✔Done														
Database schema	1,2,3	✔Done																
Registration Customer					2	✔Done												
Time Picker/Date																	3	✔Done
Registration layouts style																	2	✔Done
Registration Ownership					2	✔Done												
Location Picker							3	✔Done										
Image Picker													1,2	✔Done				
Filter																		
Rating							1	✔Done										
Stores List							1	✔Done										
Stores Info									1	✔Done								
WebView																	2	✔Done
Map View							3	✔Done										
Toolbars							1	✔Done										
Create DB(SQLite)											1,2,3	✔Done						
Popups-Login																		
List Adapters													1	✔Done				
Queries													1	✔Done				
Validation															2,3	✔ Done		
Rating Update															1,3	✔ Done		
Ownership Activity																	1	✔Done
DB Validation															1	✔ Done		
Store Info get data from DB															3	✔ Done		

Name	ID
Arkan	1
Suleiman	2
Mostfa	3

Activities Snapshots

Launch App/Login



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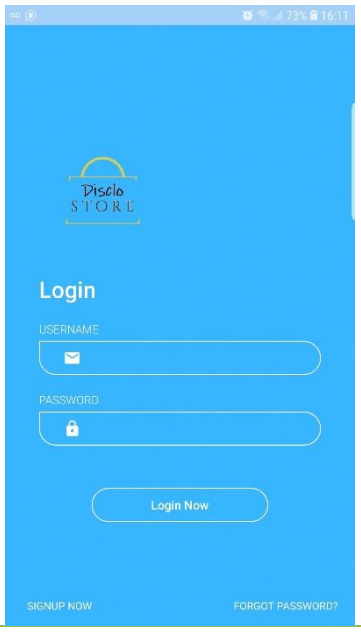
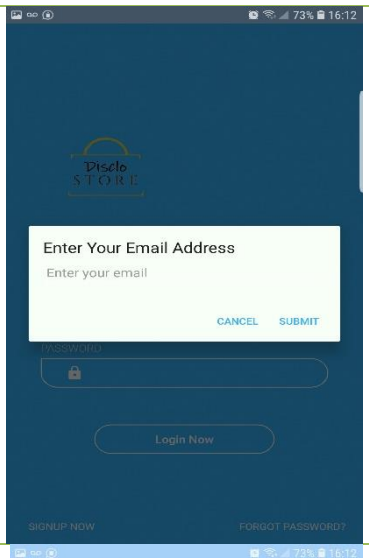
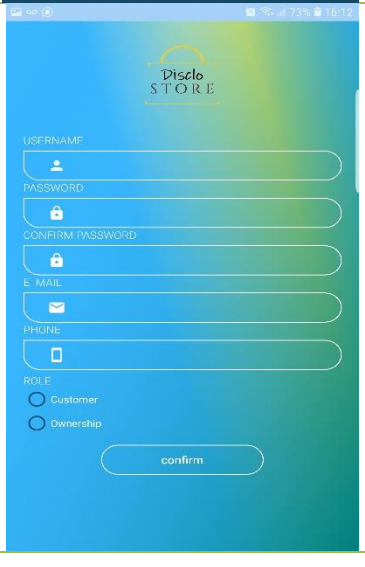


2

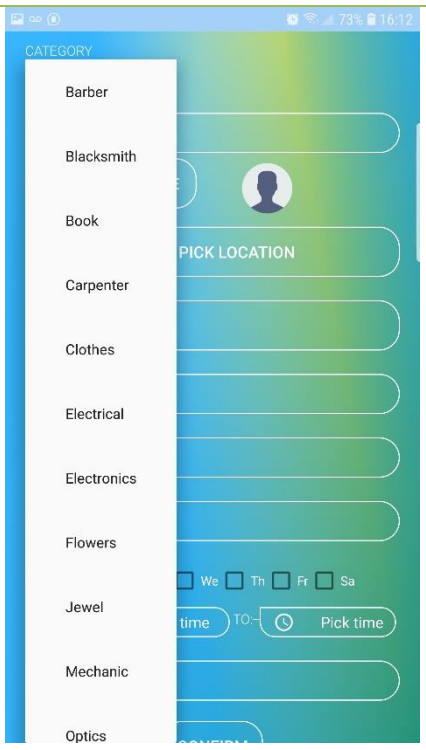
Forget Password

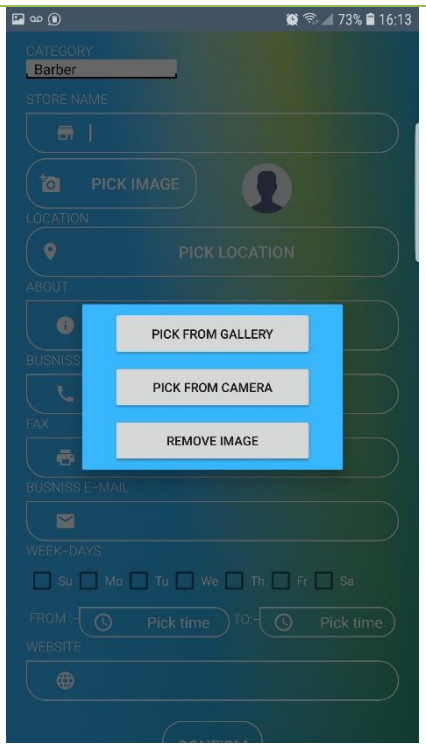


Customer Registration

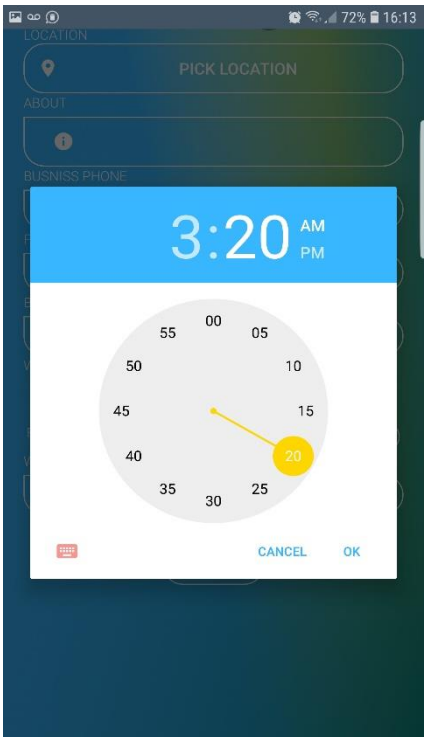


Ownership Registration



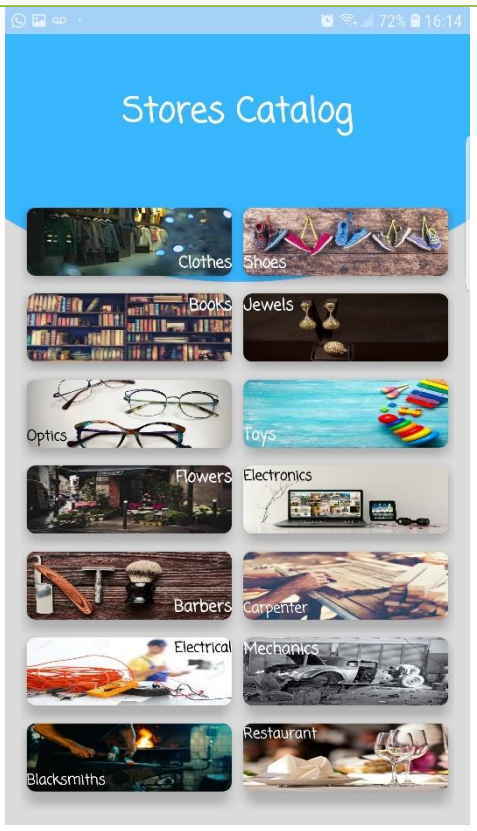


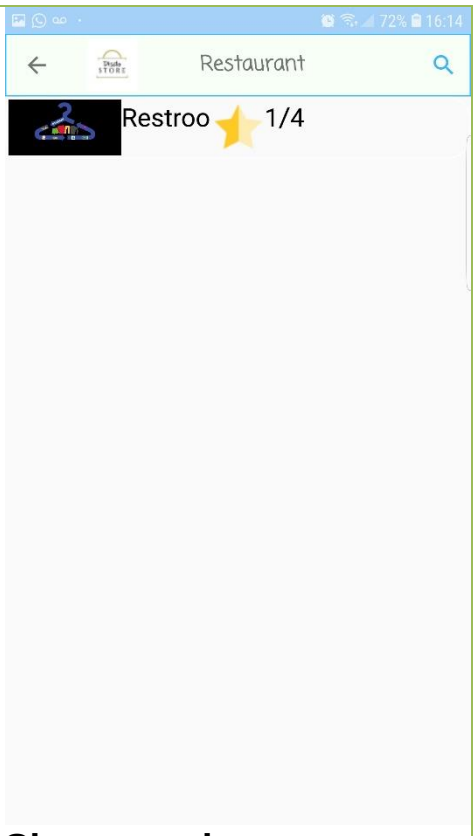
- **Choose Category** - **Select Image**



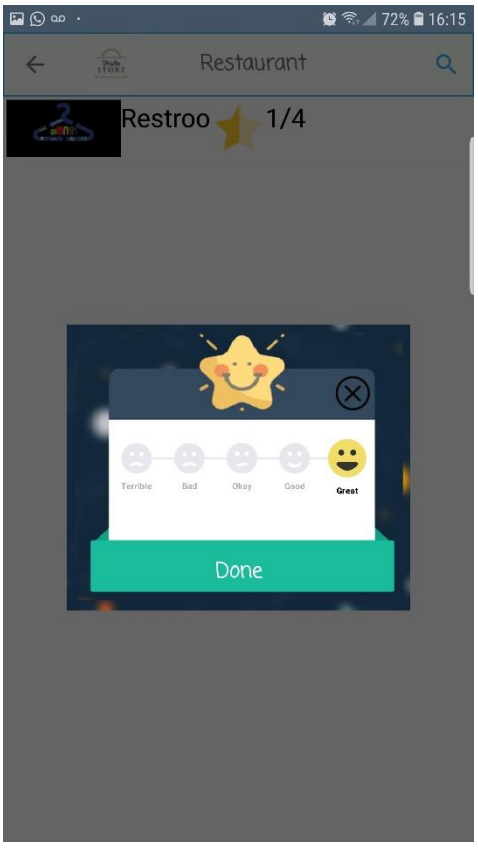
- **Pick Location** - **Pick Open/Close time**

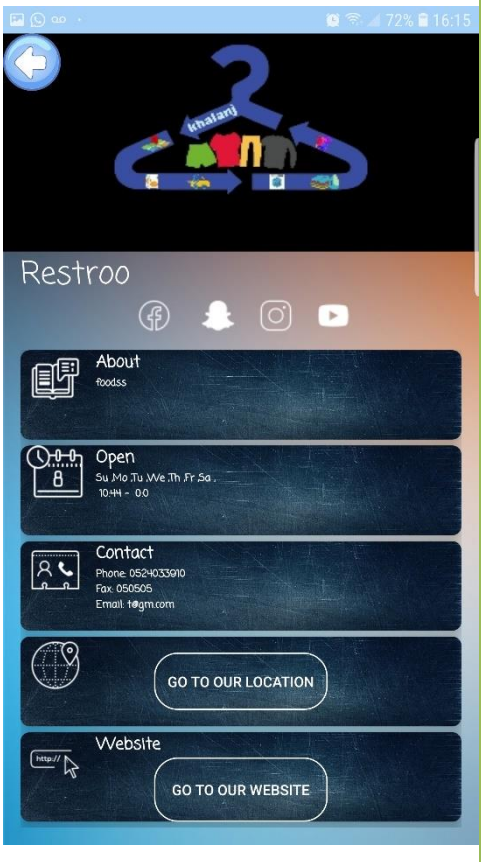
Customer Dashboard-Shop categories





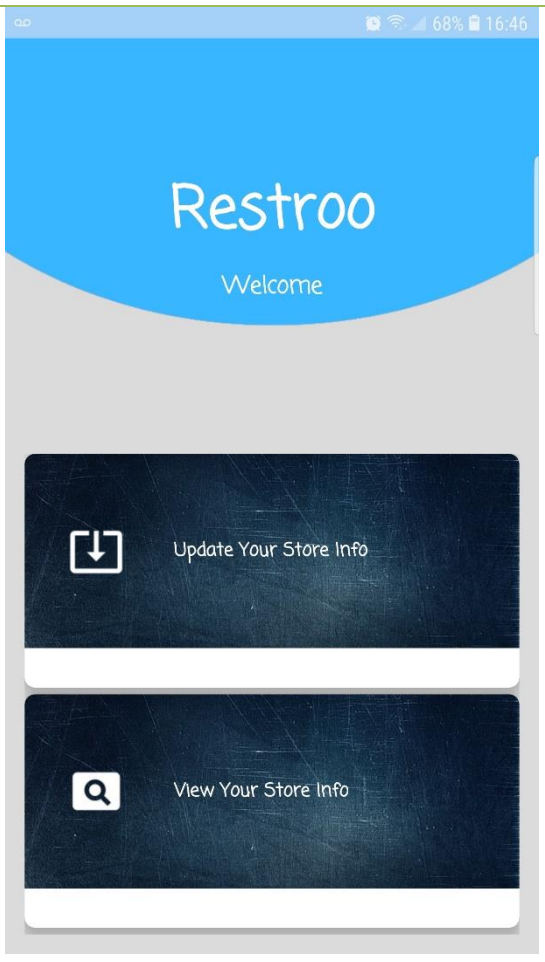
- **Open Dashboard** - **Choose a shop**



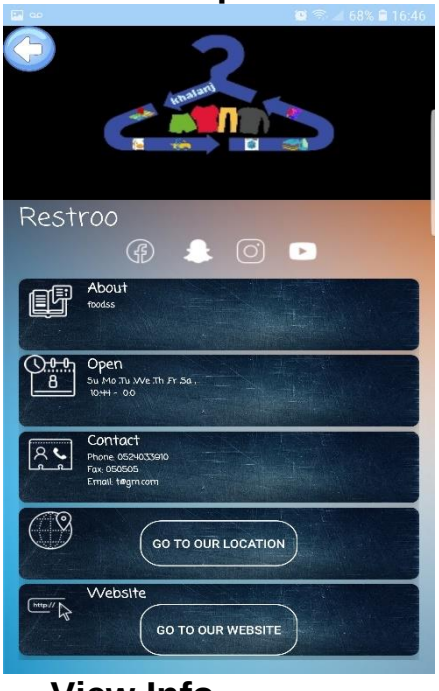


- **Rate Shops** - **View Shop Info**

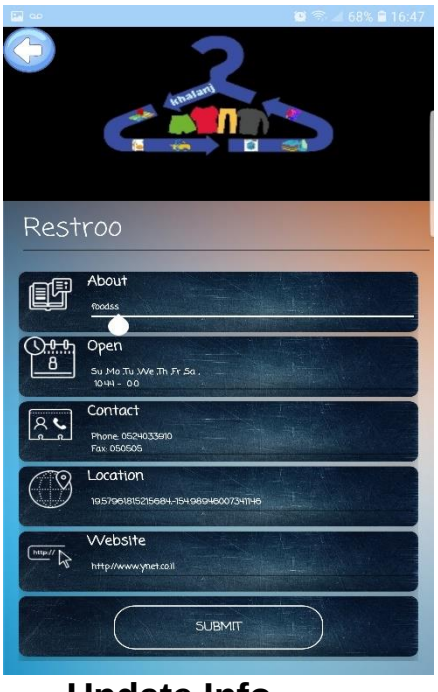
Ownership Dashboard



- **Ownership Dashboard**



- **View Info**



- **Update Info**

Do you want to have this project done by DiscloStore?

We love taking ideas, feedbacks and turning them into real; Its will be helpful to us.
You can look into our code. The source code available in GitHub just clicks the below URL.

Source Code

Thank you