

Project Report

Aliaxis VIP Contact

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PROJECT SUMMARY

Objective

To develop an application that allows the users to import all “VIP” contact of Aliaxis company from Azure Active Directory server on mobile device.

Requirements:

1. Develop the Back-End
 - We will use Azure Active Directory as an authentication provider
 - We will create a mobile service on Windows Azure Directory, accessing the API to load all user contact information
 2. Develop the Client-Side (Application)
 - We need a framework that can run cross-platform (iOS, Android OS, Windows Phone OS, etc.)
 - The features we are going to develop are:
 - A. Login (use Azure Active Directory Authentication)
 - B. Import directly Aliaxis contact list
 - C. Logout
 3. Devices supported:
 - Android OS
 - iPhone OS
 - Windows Phone OS
-

Solution

- Framework: [ionic2](#) to build our application, running on different mobile OS
- Web Technology: HTML5, Angular2, TypeScript
- Plugins:
 - A. cordova-plugin-ms-adal: to connect with the Azure Active Directory
 - B. cordova-plugin-x-contact: to work with the mobile user contact

Project Outline

TASK	DUE DATE	DONE	INITIALS
Set up Azure AD Server <ul style="list-style-type: none">- create a service to access user contact- create a contact list for test)		done	
Add plugin to connect with Azure AD		done	
Add plugin to work with the mobile user contact		done	
Create menu		done	
Create mobile user contact page		done	
Create aliaxis user contact page		done	
Implement login feature		done	
Implement Logout feature		done	
Implement feature “import” the aliaxis contact into the mobile user contact		done	
Implement feature “call”		done	
Implement feature “text”		done	

TASK	DUE DATE	DONE	INITIALS
Implement feature “share”		wait for the design	
Create About page		wait for the design	
Create Account page		wait for the design	
Implement Loading dialog		done	

SETUP ENVIRONMENT

Repository:

The source code can be downloaded from:

<https://github.com/hieuld/aliaxiscontact>

Install:

```
npm install -g cordova
```

```
npm install -g ionic
```

Build & Run:

```
ionic build
```

```
ionic serve --lab
```

```
ionic run android --target="android-device"
```

```
ionic run ios --target="ios-simulator"
```

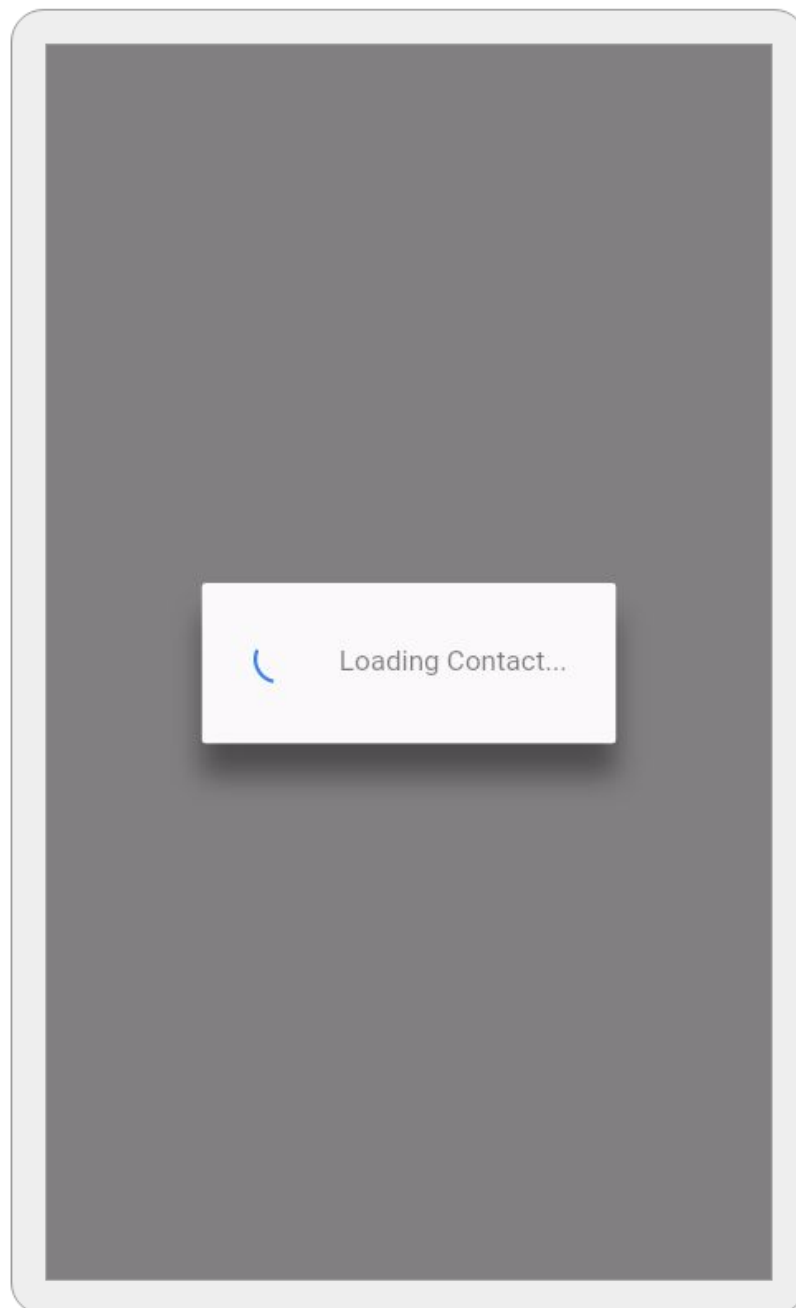
More Info:

For more information, please visit the web site :

<http://ionicframework.com/docs/v2/getting-started/installation/>

SCREENSHOT

1. LOADING CONTACT



2. AZURE AD LOGIN

MyDirectorySearcherApp

Work or school, or personal Microsoft account


Sign in

Back

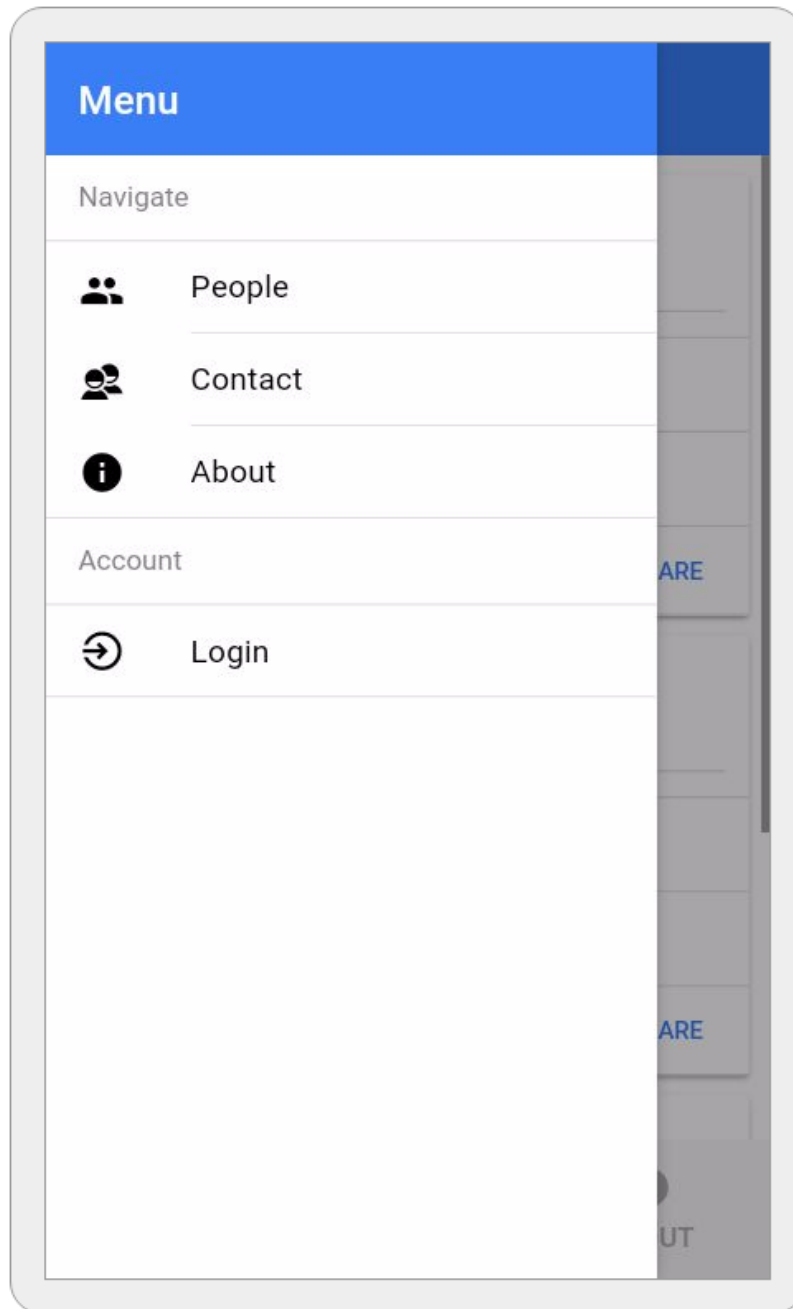
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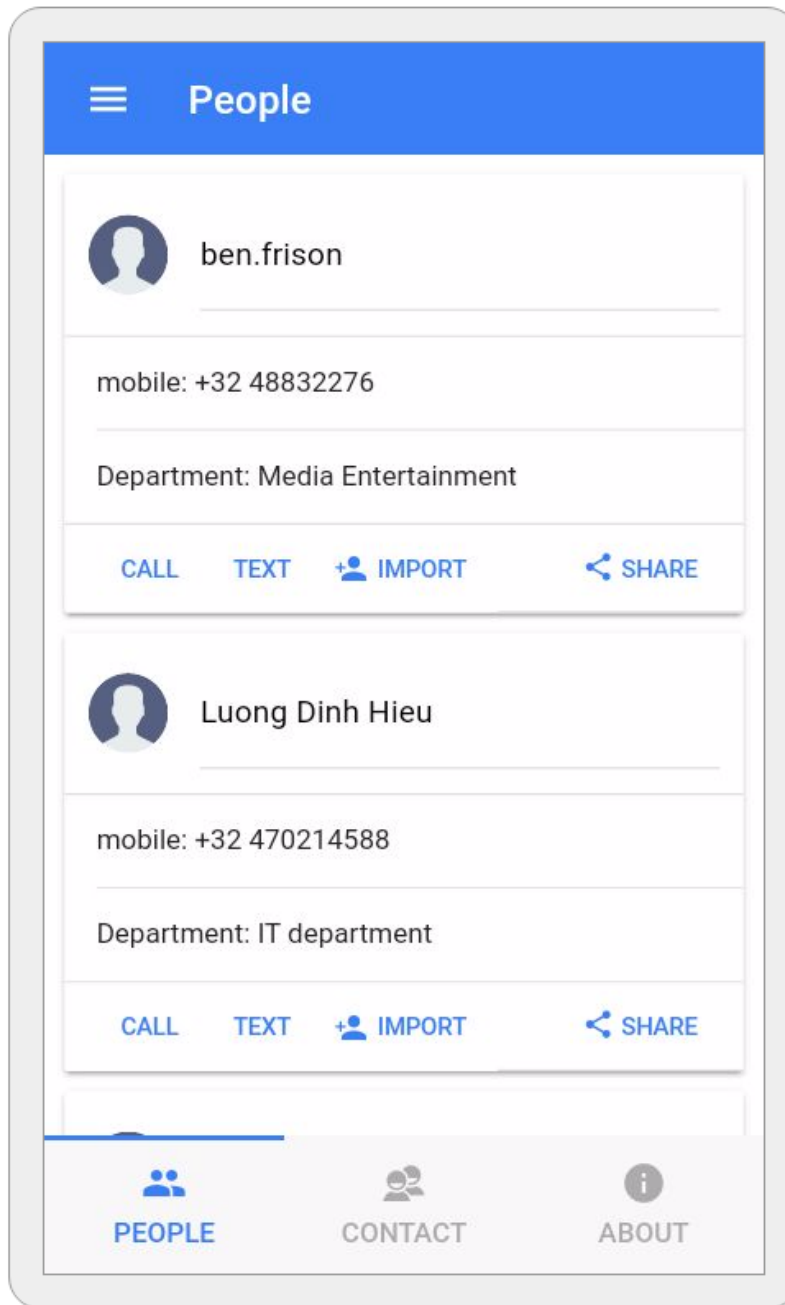
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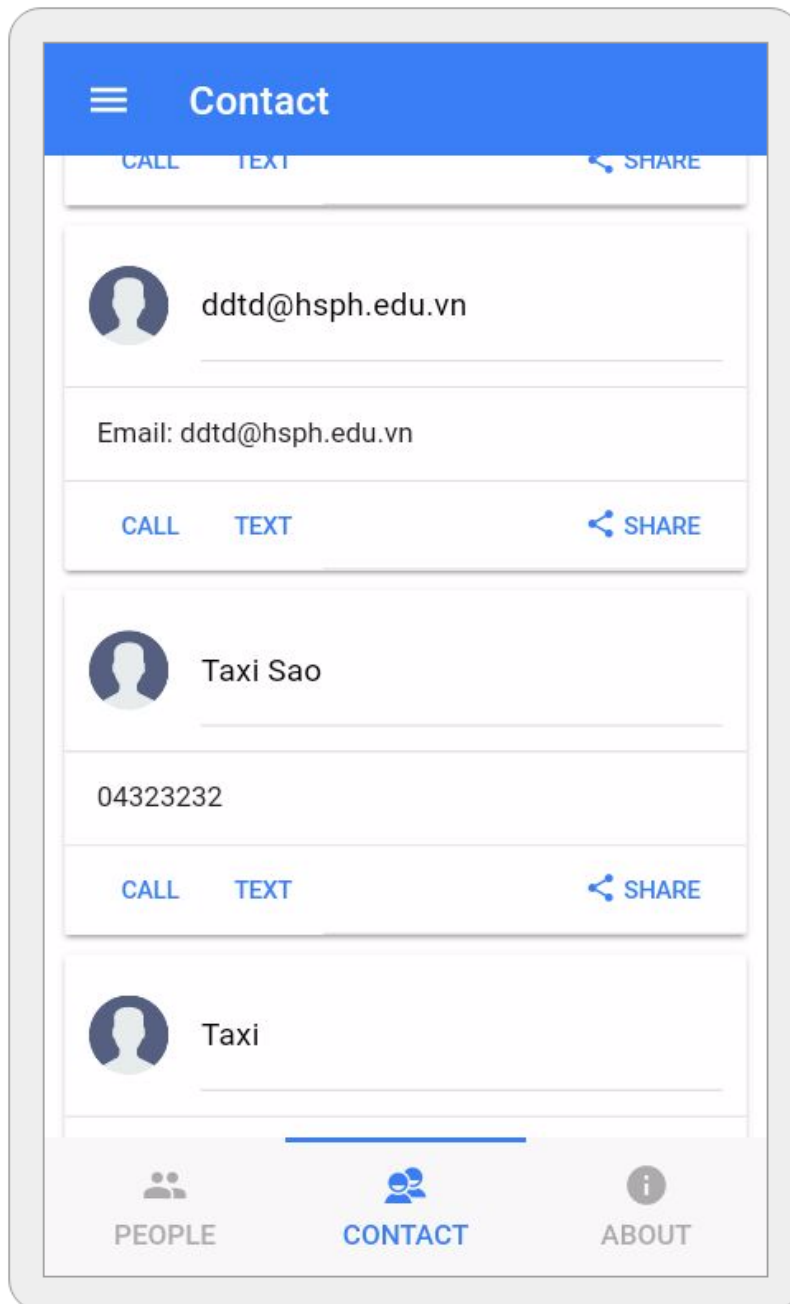
3. MENU



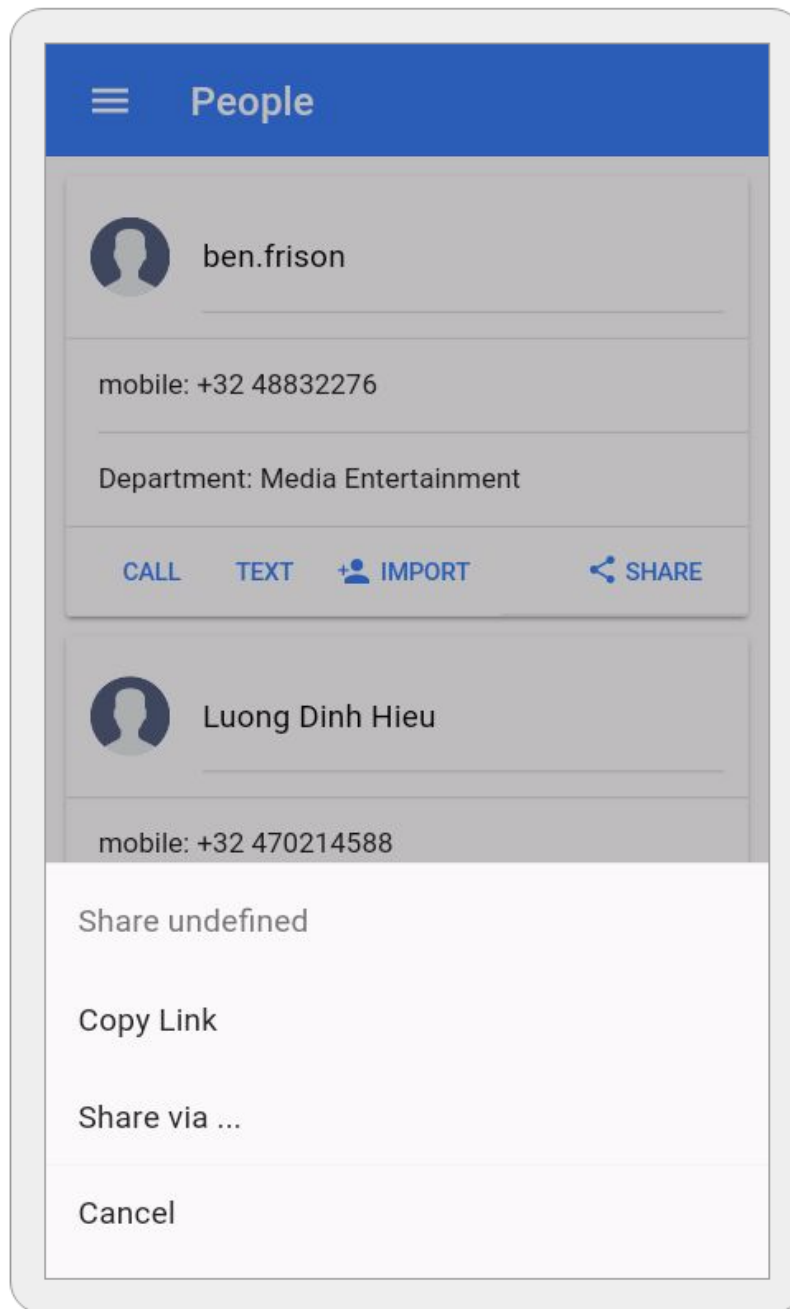
4. ALIAXIS USER CONTACT



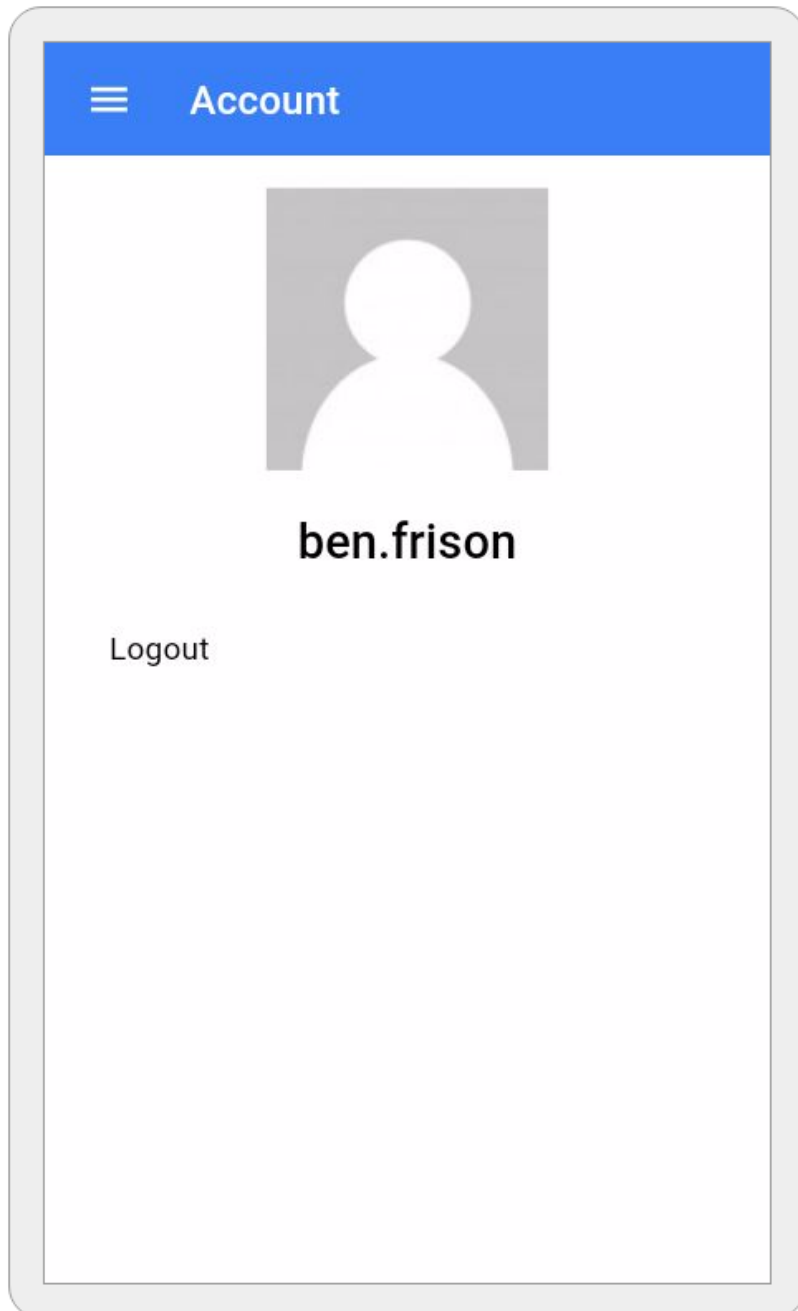
5. MOBILE USER CONTACT



6. SHARE FEATURE



7. ACCOUNT PAGE



8. ABOUT PAGE

