Connect your app

If you are using Eclipse, see instructions on [Migrating to Android Studio](https://go.microsoft.com/fwLink/?LinkID=525465&clcid=0x409)

Alternatively, you can [download the Mobile Services SDK for Android](http://go.microsoft.com/fwlink/?LinkID=717033&clcid=0x409) (Android 2.2+ supported), extract the SDK files, and copy the .jar files into the lib folder of your app.

For Android Studio, add the following lines to the project’s Gradle.build file:

buildscript {

repositories {

jcenter()

}

}

And add the following to the app’s Gradle.build file with your desired SDK version plugged in (you can find the latest versions [here](http://go.microsoft.com/fwlink/?LinkID=717034&clcid=0x409) ):

compile 'com.microsoft.azure:azure-mobile-android:{version}'

In your app add the following line to your AndroidManifest.xml file:

<uses-permission android:name="android.permission.INTERNET" />

Add the following line to the top of the .java file containing your launcher activity:

import com.microsoft.windowsazure.mobileservices.\*;

Inside your activity, add a private variable:

private MobileServiceClient mClient;

Add the following code to the onCreate method of the activity:

mClient = new MobileServiceClient(

"https://faceit-htn.azurewebsites.net",

this

);

Store data in your mobile service

Add a sample Item class to your project:

public class TodoItem {

public String Id;

public String Text;

}

In the same activity where you defined mClient, add the following code:

TodoItem item = new TodoItem();

item.Text = "Awesome item";

mClient.getTable(TodoItem.class).insert(item, new TableOperationCallback<item>() {

public void onCompleted(TodoItem entity, Exception exception, ServiceFilterResponse response) {

if (exception == null) {

// Insert succeeded

} else {

// Insert failed

}

}

});

Run the Android project to start working with data in your mobile backend.