Developer Guide – Build Instructions

Instructions to Build the application MyMoneyMate -

1. The development system should meet the following requirements:
JDK 6 or JDK 7 (JRE alone will not be sufficient)
Follow link: http://www.oracle.com/technetwork/java/javase/downloads/index.html

Install Eclipse IDE, Indigo or higher from http://www.eclipse.org/downloads/

2. Download Android SDK.
Follow link: http://developer.android.com/sdk/index.html

3. Open Eclipse. Install SDK platform:
Select Windows > Android SDK Manager. This displays a list of all Packages available. Select sort by   Repository.
Click the repository site checkbox to display the components available for installation.
Select SDK Platform Android 4.2.2, API 17 and click Install Selected. A "Choose Packages to Install" dialog pops-up showing the dependencies.

For detailed instructions follow: http://developer.android.com/sdk/installing/index.html

4. Download and Install ADT plugin for Eclipse.
Follow link: http://developer.android.com/sdk/installing/installing-adt.html

5. Create an Android virtual device.
In Eclipse, choose Window > Android Virtual Device Manager. Click New.
The Create New Android Virtual Device (AVD) dialog appears. Give name for the AVD, like "DroidX".
Choose target as Android 4.2.2 API Level 17. Select an option from CPU/ABI.
Provide SD card size as 512 Mb.
Click Create AVD.

6. Open Windows > Preferences > Make sure the Android SDK and JDK are pointing to the SDK and JDK
installed on your computer.

7. Clone the repository in GitHub in a folder into your local repository using the below commands–

```
cd <local directory path>
git clone git://github.com/udeepika/MyMoneyMate.git
```

A folder called "MyMoneyMate" will be created in your local folder.

8. Open eclipse and go to menu File -> New ->Other->Android->Android Project from Existing Code.
This opens an "Import Projects" dialog. Click on browse button next to the Root Directory. This opens up a file manager. Navigate to the folder that contains the cloned MyMoneyMate repository. Select local folder->MyMoneyMate-> MyMoneyMate . Click Finish.
(You can change the name of the project by right-clicking on it ->Refactor->Rename)

9. Download the achartengine JAR from the following link:
http://www.achartengine.org/content/download.html

10. Select the project in the Project Explorer. Choose Project > Properties > Java Build Path.
Select the "Libraries" tab. Click on "Add External JARs..". Navigate to the folder where the downloaded

achartengine JAR is present and select it. Click Ok.

11. Choose Project > Properties > Java Build Path. Select "Order and Export". Click on the achartengine.jar to select it. Click on up/down to position it just below Android Dependencies. Click Ok.
Go to Project -> Clean
This opens up the Clean dialog. Choose Clean projects selected below and choose MyMoneyMate.
Click Ok.

12. Click on Run to run MyMoneyMate as an Android application.