



<b>Title</b>	<b>Medicine Times Alarm Mobile</b>
<b>Description</b>	<p>"Medicines Times Alarm" is mobile application that give the user the ability to be alarmed with the times of the medicines he should take daily according to the times he will determine for each medicine added in his medicine's list.</p> <p>All you have to do,</p> <ul style="list-style-type: none"> <li>Let the user be able to add the medicines taken daily with its data by clicking "Add Medicine" button.</li> <li>The medicine's data: name, dose, number of times should be taken daily, list of alarms.</li> <li>The application at the medicine's time must alarm with these info: the name and dose should be taken.</li> </ul> <p>For each medicine, 3 options :</p> <ul style="list-style-type: none"> <li>"Add Alarm": add alarm or more than one to the alarm's list of this medicine. For example, medicine xx must be taken 3 times daily at 7 am, 3 pm and 10 pm.</li> <li>"Edit Medicine": update the data fields of the selected medicine (name or dose or number of times).</li> <li>"Remove Medicine": remove the selected medicine with its alarms.</li> </ul> <p>For each alarm, 2 options:</p> <ul style="list-style-type: none"> <li>"Remove Alarm": remove the alarm.</li> <li>"Update Alarm": update the alarm with new time.</li> </ul> <p>He should have the ability to "search" for specific medicine from those he saved if found display it with its whole data otherwise display "This medicine is not found, do you want to add it to your list??" if he answered yes then allow him to enter the new medicine's data, if not do nothing.</p> <ul style="list-style-type: none"> <li>Also, he should be having the option of sorting the medicines list alphabetically.</li> <li>Before adding a new medicine "check" if this medicine already exists or not to prevent adding duplicate medicines.</li> </ul>
<b>Group size</b>	3 - 4 members.
<b>Deliverables</b>	<ol style="list-style-type: none"> <li>1. An android application performing the specified task.</li> <li>2. A short user manual.</li> </ol>
<b>Bonus extensions</b>	
<b>Mentor</b>	TA. Loubna Ahmed
<b>Notes</b>	<p>In order to implement this app you'll need to self study how to develop:</p> <ul style="list-style-type: none"> <li>- Android Applications.</li> <li>- Android Website: <a href="http://www.android.com/">http://www.android.com/</a></li> <li>- This is one of the books that can help you: <a href="http://ividi.org/index.php/lp?lpt=3&amp;fln=Hello_Android_3rd_edition_July_2">http://ividi.org/index.php/lp?lpt=3&amp;fln=Hello_Android_3rd_edition_July_2</a></li> </ul>



	<p><a href="#">010</a></p> <p>To start development you should install :</p> <ol style="list-style-type: none"><li>1. The current IDE would be eclipse for java. <a href="http://www.eclipse.org/downloads/">http://www.eclipse.org/downloads/</a></li><li>2. In the following link you will be able to download the android "SDK" in order to get started. <a href="http://developer.android.com/sdk/index.html">http://developer.android.com/sdk/index.html</a></li><li>3. Kindly choose the installer version under windows for simpler installation Upon completion please follow the steps in the link below to setup the development environment. <a href="http://developer.android.com/sdk/installing.html">http://developer.android.com/sdk/installing.html</a></li></ol>