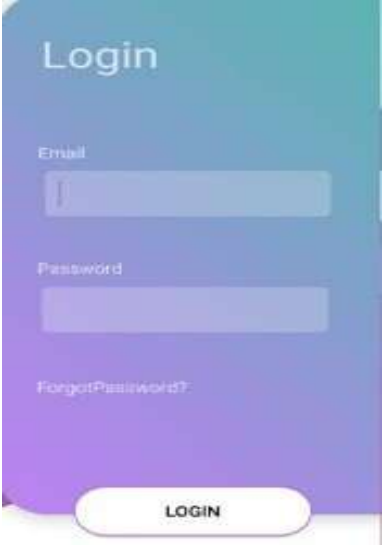


**OBSERVATION CHECKLIST**

<b>Candidate's name &amp; Registration No.</b>			
<b>Assessor's name &amp; Reg. code</b>			
<b>Unit(s) of Competency</b>	<b>MOBILE APPLICATION DEVELOPMENT</b>		
<b>Venue of Assessment</b>			
<b>Date of assessment</b>			
<i>(Indicate the marks available and marks obtained respectively. Award marks appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
<b>Items to be evaluated:</b>	<b>Marks Allocated</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>Task 1 – designing the user interface (UI) for the login screen of an e-learning mobile application</b>			
1. Created a folder <i>(Award 1 mark or 0 if no folder)</i>	<b>1</b>		
2. i) an android studio project saved as <i>e-learning_platform</i> is available ii) The minimum SDK version is set to API23: iii) Android 6.0(Marshmallow) The project location is set to the <i>CDACC Practical</i> folder (confirm from the <i>project_infor</i> screenshot)  <i>(Award 1 mark for each subtask achieved correctly)</i>	<b>3</b>		
3. An activity named <i>login_screen</i> is available <i>(Award 2 mark or 0)</i>	<b>2</b>		
4. The design appears as below	<b>4</b>		

 <ul style="list-style-type: none"> <li>• One text view for email</li> <li>• One text view for password</li> <li>• A login button</li> </ul> <p><i>(Award 1 mark for each element and 1 mark for design similar to that)</i></p>			
<p>5. The following properties are set for the three components</p> <ul style="list-style-type: none"> <li>i) The layout_width - <i>match_parent</i></li> <li>ii) The layout_height - <i>wrap_content</i></li> <li>iii) The id:- <ul style="list-style-type: none"> <li>• emailtxt for the email text view</li> <li>• Passtxt for the password textview</li> <li>• Loginbtn for the login button</li> </ul> </li> </ul> <p><i>(Award 3 marks for any 3 correct properties for components or zero)</i></p>	9		
<p>6. An activity named <i>user_screen</i> is created</p> <p><i>(Award 2 marks or zero)</i></p>	2		
<p>7. A label on the <i>user_screen</i> activity with the message '<i>You have successfully logged in</i>' is available</p> <p><i>(Award 2 marks if the label is present and correctly labelled)</i></p>	2		

8. <i>user_screen</i> activity xml file has a correctly written intent tag <i>(Award 2 marks or zero)</i>	<b>2</b>		
<b>Task 2</b> – developing a program for the <i>login_screen</i> and <i>user_screen</i> activities			
9. correctly initialized variables <ul style="list-style-type: none"> <li>password and email textviews</li> <li>login button</li> </ul> <i>(Award 1 mark for each correctly initialized variable or zero)</i>	<b>6</b>		
10. each variable is linked with the corresponding element <i>(Award 1 mark for each correctly linked variable or zero)</i>	<b>3</b>		
11. the password meets all the requirements <ul style="list-style-type: none"> <li>Minimum of 8 characters</li> <li>Must have at least one uppercase letter</li> <li>Must have at least one special character</li> </ul> <i>(Award 1 mark for each correct requirement or zero)</i>	<b>3</b>		
12. Correctly linked <i>user_screen</i> and the <i>login_screen</i> activities”  <i>(Award 6 marks)</i>	<b>6</b>		
13. A debuggable APK that can be installed and run in an android device is available <i>(Award 3 marks)</i>	<b>3</b>		
14. CD/DVD with the project and files <i>(Award 1 mark or zero)</i>	<b>1</b>		

15. Printouts for the following files are available <ul style="list-style-type: none"> <li>• <i>Main_activity</i> file</li> <li>• <i>Login_screen</i> xml file</li> <li>• <i>Project_infor</i> document and a screenshot of the login screen as viewed on the emulator</li> </ul>	<b>3</b>		
(Award 2 marks)			
<b>TOTAL</b>	<b>50</b>		
<b>ASSESSMENT OUTCOME</b>			
<p><b>The candidate was found to be:</b></p> <p style="text-align: center;">Competent <input type="checkbox"/>      Not yet competent <input type="checkbox"/></p> <p>(Please tick as appropriate)</p> <p style="text-align: center;"><i>(The candidate is competent if he/she gets 60% or higher of the items of evaluation correct)</i></p>			
<b>Feedback to candidate:</b>			
<b>Feedback from candidate:</b>			
<b>Candidate's Signature</b>		<b>Date</b>	
_____		_____	
<b>Assessor's Signature</b>		<b>Date</b>	
_____		_____	