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# OBSERVATION CHECKLIST

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Candidate’s name & Registration No.** | |  | | |
| **Assessor’s name & Reg. code** | |  | | |
| **Unit(s) of Competency** | | **MOBILE APPLICATION**  **DEVELOPMENT** | | |
| **Venue of Assessment** | |  | | |
| **Date of assessment** | |  | | |
| *(Indicate the marks available and marks obtained respecti* | | *vely. Award marks appropriately as guided for* | | |
| *in the items for evaluation indicated. Give a brief commen* | | *t where necessary)* | | |
| **Items to be evaluated:** | | **Marks**  **Allocated** | **Marks Obtained** | **Comments** |
| **Task 1 –** designing the user interface (UI) for the l | | ogin screen of an e-learning mobile application | | |
| 1. Created a folder  *(Award 1 mark or 0 if no folder)* | | **1** |  |  |
| 2.  i)  ii)  iii) | an android studio project saved as *e-*  *learning\_platform* is available  The minimum SDK version is set to API23:  Android 6.0(Marshmallow)  The project location is set to the *CDACC Practical* folder (confirm from the *project\_infor* screenshot)  *(Award 1 mark for each subtask achieved correctly)* | **3** |  |  |
| 3. An activity named *login\_screen is available*  *(Award 2 mark or 0)* | | **2** |  |  |
| 4. The design appears as below | | **4** |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| * One text view for email * One text view for password * A login button   *(Award 1 mark for each element and 1 mark for design similar to that)* |  |  |  |
| 5. The following properties are set for the three components  i) The layout\_width - *match\_parent* ii) The layout\_height - *wrap\_content* iii) The id:-   * emailtxt for the email text view * Passtxt for the password textview * Loginbtn for the login button   *(Award 3 marks for any 3 correct properties for components or zero)* | **9** |  |  |
| 6. An activity named user*\_screen* is created  *(Award 2 marks or zero)* | **2** |  |  |
| 7. A label on the *user\_screen* activity with the message ‘***You have successfully logged in’*** is available    *(Award 2 marks if the label is present and correctly labelled)* | **2** |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 8. *user\_screen* activity xml file has a correctly written intent tag  *(Award 2 marks or zero)* | **2** |  |  |
| **Task 2** – developing a program for the *login\_screen* and *user\_screen* activities | | | |
| 9. correctly initialized variables   * password and email textviews * login button   *(Award 1 mark for each correctly initialized variable or zero)* | **6** |  |  |
| 10. each variable is linked with the corresponding element  *(Award 1 mark for each correctly linked variable or zero)* | **3** |  |  |
| 11. the password meets all the requirements   * Minimum of 8 characters * Must have at least one uppercase letter * Must have at least one special character     *(Award 1 mark for each correct requirement or zero)* | **3** |  |  |
| 12. Correctly linked *user\_screen* and the *login\_screen* activities*”*    *(Award 6 marks)* | **6** |  |  |
| 13. A debbugable APK that can be installed and run in an android device is available  *(Award 3 marks)* | **3** |  |  |
| 14. CD/DVD with the project and files  *(Award 1 mark or zero)* | **1** |  |  |
| 15. Printouts for the following files are available   * *Main\_activity*  file * *Login\_screen* xml file * *Project\_ infor* document and a screenshot of the the login screen as viewed on the emulator | **3** |  |  |
| *(Award 2 marks)* |  |  |  |
| **TOTAL** | **50** |  |  |
| **ASSESSMENT OUTCOME** | | | |
| **The candidate was found to be:**  Competent Not yet competent    *(Please tick as appropriate)*  ***(The candidate is competent if he/she gets 60% or higher of the items of evaluation correct)*** | | | |
| **Feedback to candidate:** | | | |
| **Feedback from candidate:** | | | |
| **Candidate’s Signature Date**  **------------------------------ -----------------------------** | | | |
| **Assessor’s Signature Date**  **------------------------------ -----------------------------** | | | |