# **Project Assessment Rubric**

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|  | **10-9** | **8-7** | **6-5** | **4-0** |
| **Functionality** | The application contains comprehensive & robust evidence on the following:   * opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. * text translation & text to speech & localization support. * selection of key phrases. * interactive quiz. * exit via dialog. * REST API using Spring Boot. * Google map displaying data. * light & dark mode. * splash screen with image & transition animation. * adaptive launcher icon. * navigation to activities. * in-app privacy policy. * visually attractive user-interface. * published to & downloadable from Google Play Store. * user-interface tests verify correctness. | The application contains clear & detailed evidence of functionality on the following:   * opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. * text translation & text to speech & localization support. * selection of key phrases. * interactive quiz. * exit via dialog. * REST API using Spring Boot. * Google map displaying data. * light & dark mode. * splash screen with image & transition animation. * adaptive launcher icon. * navigation to activities. * in-app privacy policy. * visually attractive user-interface. * published to & downloadable from Google Play Store. * user-interface tests verify correctness. | The application contains evidence on the following:   * opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. * text translation & text to speech & localization support. * selection of key phrases. * interactive quiz. * exit via dialog. * REST API using Spring Boot. * Google map displaying data. * light & dark mode. * splash screen with image & transition animation. * adaptive launcher icon. * navigation to activities. * in-app privacy policy. * visually attractive user-interface. * published to & downloadable from Google Play Store. * user-interface tests verify correctness. | The application does not, or does not fully contain evidence on the following:   * opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. * text translation & text to speech & localization support. * selection of key phrases. * interactive quiz. * exit via dialog. * REST API using Spring Boot. * Google map displaying data. * light & dark mode. * splash screen with image & transition animation. * adaptive launcher icon. * navigation to activities. * in-app privacy policy. * visually attractive user-interface. * published to & downloadable from Google Play Store. * user-interface tests verify correctness. |
| **Code Elegance** | Kotlin & XML files thoroughly contain no magic numbers/strings & are stored in their appropriate XML files.  Application code thoroughly demonstrates code elegance on the following:   * correct use of intermediate variables, i.e., no method calls as arguments. * idiomatic use of control flow, data structures & other in-built functions. * sufficient modularity, i.e., code adheres to various OO design principles. * adhere to an OO architecture, i.e., classes, functions, concise naming & functions assigned to the correct classes. * efficient algorithmic approach. | Kotlin & XML files clearly contain no magic numbers/strings & are stored in their appropriate XML files.  Application code clearly demonstrates code elegance on the following:   * correct use of intermediate variables, i.e., no method calls as arguments. * idiomatic use of control flow, data structures & other in-built functions. * sufficient modularity, i.e., code adheres to various OO design principles. * adhere to an OO architecture, i.e., classes, functions, concise naming & functions assigned to the correct classes. * efficient algorithmic approach. | Kotlin & XML files contain no magic numbers/strings & are stored in their appropriate XML files.  Application code demonstrates code elegance on the following:   * correct use of intermediate variables, i.e., no method calls as arguments. * idiomatic use of control flow, data structures & other in-built functions. * sufficient modularity, i.e., code adheres to various OO design principles. * adhere to an OO architecture, i.e., classes, functions, concise naming & functions assigned to the correct classes. * efficient algorithmic approach. | Kotlin & XML files contain frequent magic numbers/strings & are not or are not fully stored in their appropriate XML files.  Application code does not or does not fully demonstrate code elegance on the following:   * correct use of intermediate variables, i.e., no method calls as arguments. * idiomatic use of control flow, data structures & other in-built functions. * sufficient modularity, i.e., code adheres to various OO design principles. * adhere to an OO architecture, i.e., classes, functions, concise naming & functions assigned to the correct classes. * efficient algorithmic approach. |
| **Documentation & Git Usage** | README file thoroughly contains evidence of:   * privacy policy discloses user information collected. * wireframes sketched of the application. * step-by-step user guide. * code commented with KDoc & generated with Dokka.   Git branches thoroughly named with convention & contain code relating to the feature.  Git commit messages thoroughly formatted & reflect the feature changes.  Continuous integration using GitHub Actions thoroughly setup. | README file mostly contains evidence of:   * privacy policy discloses user information collected. * wireframes sketched of the application. * step-by-step user guide. * code commented with KDoc & generated with Dokka.   Git branches mostly named with convention & contain code relating to the feature.  Git commit messages mostly formatted & reflect the feature changes.  Continuous integration using GitHub Actions mostly setup. | README file contains evidence of:   * privacy policy discloses user information collected. * wireframes sketched of the application. * step-by-step user guide. * code commented with KDoc & generated with Dokka.   Git branches named with convention & contain code relating to the feature.  Git commit messages formatted & reflect the feature changes.  Continuous integration using GitHub Actions setup. | README file does not or does not fully contain evidence of:   * privacy policy discloses user information collected. * wireframes sketched of the application. * step-by-step user guide. * code commented with KDoc & generated with Dokka.   Git branches are not or are not fully named with convention & do not or do not fully contain code relating to the feature.  Git commit messages do not or do not fully formatted & reflect the feature changes.  Continuous integration using GitHub Actions not or not fully setup. |

# **Project Marking Cover Sheet**

Name:

Date:

Learner ID:

Assessor’s Name:

Assessor’s Signature:

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| **Criteria** | **Out Of** | **Weighting** | **Final Result** |
| Functionality | 10 | 40 |  |
| Code Elegance | 10 | 40 |  |
| Documentation & Git/GitHub Usage | 10 | 20 |  |
| **Final Result** | | | /100 |
| **This assessment is worth 80% of the final mark for the Mobile Application Development course.** | | | |

Feedback: