

# Project Assessment Rubric

	10-9	8-7	6-5	4-0
Functionality	<p>Application contains comprehensive &amp; robust evidence on the following:</p> <ul style="list-style-type: none"> <li>opens &amp; runs on API 28: Android 9.0 (Pie) without file structure &amp; code modification.</li> <li>text translation, text to speech &amp; localization support.</li> <li>selection of well-known phrases.</li> <li>interactive quiz.</li> <li>exit application via dialog.</li> <li>Google map displaying markers.</li> <li>light &amp; dark mode.</li> <li>splash screen with image &amp; transition animation.</li> <li>adaptive launcher icon.</li> <li>navigation to activities.</li> <li>visually attractive UI.</li> <li>published to &amp; downloadable from Google Play Store.</li> <li>UI tests verify correctness.</li> </ul>	<p>Application contains clear &amp; detailed evidence of functionality on the following:</p> <ul style="list-style-type: none"> <li>opens &amp; runs on API 28: Android 9.0 (Pie) without file structure &amp; code modification.</li> <li>text translation, text to speech &amp; localization support.</li> <li>selection of well-known phrases.</li> <li>interactive quiz.</li> <li>exit application via dialog.</li> <li>Google map displaying markers.</li> <li>light &amp; dark mode.</li> <li>splash screen with image &amp; transition animation.</li> <li>adaptive launcher icon.</li> <li>navigation to activities.</li> <li>visually attractive UI</li> <li>published to &amp; downloadable from Google Play Store.</li> <li>UI tests verify correctness.</li> </ul>	<p>Application contains evidence on the following:</p> <ul style="list-style-type: none"> <li>opens &amp; runs on API 28: Android 9.0 (Pie) without file structure &amp; code modification.</li> <li>text translation, text to speech &amp; localization support.</li> <li>selection of well-known phrases.</li> <li>interactive quiz.</li> <li>exit application via dialog.</li> <li>Google map displaying markers.</li> <li>light &amp; dark mode.</li> <li>splash screen with image &amp; transition animation.</li> <li>adaptive launcher icon.</li> <li>navigation to activities.</li> <li>visually attractive UI</li> <li>published to &amp; downloadable from Google Play Store.</li> <li>UI tests verify correctness.</li> </ul>	<p>Application does not, or does not fully contain evidence on the following:</p> <ul style="list-style-type: none"> <li>opens &amp; runs on API 28: Android 9.0 (Pie) without file structure &amp; code modification.</li> <li>text translation, text to speech &amp; localization support.</li> <li>selection of well-known phrases.</li> <li>interactive quiz.</li> <li>exit application via dialog.</li> <li>Google map displaying markers.</li> <li>light &amp; dark mode.</li> <li>splash screen with image &amp; transition animation.</li> <li>adaptive launcher icon.</li> <li>navigation to activities.</li> <li>visually attractive UI</li> <li>published to &amp; downloadable from Google Play Store.</li> <li>UI tests verify correctness.</li> </ul>

Code Elegance	<p>Kotlin &amp; XML files thoroughly contain no magic numbers/strings &amp; are stored in their appropriate XML files.</p> <p>Application code thoroughly demonstrates code elegance on the following:</p> <ul style="list-style-type: none"> <li>• correct use of intermediate variables, i.e., no method calls as arguments.</li> <li>• idiomatic use of control flow, data structures &amp; other in-built functions.</li> <li>• sufficient modularity, i.e., code adheres to DRY, KISS &amp; SOLID.</li> <li>• adhere to an OO architecture, i.e., classes, functions, concise naming &amp; functions assigned to the correct classes.</li> <li>• efficient algorithmic approach.</li> <li>• code formatted Kotlin &amp; XML files.</li> <li>• no dead or unused code.</li> </ul>	<p>Kotlin &amp; XML files mostly contain no magic numbers/strings &amp; are stored in their appropriate XML files.</p> <p>Application code clearly demonstrates code elegance on the following:</p> <ul style="list-style-type: none"> <li>• correct use of intermediate variables, i.e., no method calls as arguments.</li> <li>• idiomatic use of control flow, data structures &amp; other in-built functions.</li> <li>• sufficient modularity, i.e., code adheres to DRY, KISS &amp; SOLID.</li> <li>• adhere to an OO architecture, i.e., classes, functions, concise naming &amp; functions assigned to the correct classes.</li> <li>• efficient algorithmic approach.</li> <li>• code formatted Kotlin &amp; XML files.</li> <li>• no dead or unused code.</li> </ul>	<p>Kotlin &amp; XML files contain some magic numbers/strings &amp; are stored in their appropriate XML files.</p> <p>Application code demonstrates code elegance on the following:</p> <ul style="list-style-type: none"> <li>• correct use of intermediate variables, i.e., no method calls as arguments.</li> <li>• idiomatic use of control flow, data structures &amp; other in-built functions.</li> <li>• sufficient modularity, i.e., code adheres to DRY, KISS &amp; SOLID.</li> <li>• adhere to an OO architecture, i.e., classes, functions, concise naming &amp; functions assigned to the correct classes.</li> <li>• efficient algorithmic approach.</li> <li>• code formatted Kotlin &amp; XML files.</li> <li>• no dead or unused code.</li> </ul>	<p>Kotlin &amp; XML files contain frequent magic numbers/strings &amp; are not or are not fully stored in their appropriate XML files.</p> <p>Application code does not or does not fully demonstrate code elegance on the following:</p> <ul style="list-style-type: none"> <li>• correct use of intermediate variables, i.e., no method calls as arguments.</li> <li>• idiomatic use of control flow, data structures &amp; other in-built functions.</li> <li>• sufficient modularity, i.e., code adheres to DRY, KISS &amp; SOLID.</li> <li>• adhere to an OO architecture, i.e., classes, functions, concise naming &amp; functions assigned to the correct classes.</li> <li>• efficient algorithmic approach.</li> <li>• code formatted Kotlin &amp; XML files.</li> <li>• no dead or unused code.</li> </ul>
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Documentation & Git Usage	README file contains comprehensive evidence of:	README file contains clear evidence of:	README file contains evidence of:	README file does not or does not fully contain evidence of:
	<ul style="list-style-type: none"> <li>URL to application's privacy policy.</li> <li>wireframes sketched of the application.</li> <li>step-by-step user guide.</li> <li>code commented with KDoc &amp; generated with Dokka.</li> <li>URL to application on Google Play Store.</li> </ul>	<ul style="list-style-type: none"> <li>URL to application's privacy policy.</li> <li>wireframes sketched of the application.</li> <li>step-by-step user guide.</li> <li>code commented with KDoc &amp; generated with Dokka.</li> <li>URL to application on Google Play Store.</li> </ul>	<ul style="list-style-type: none"> <li>URL to application's privacy policy.</li> <li>wireframes sketched of the application.</li> <li>step-by-step user guide.</li> <li>code commented with KDoc &amp; generated with Dokka.</li> <li>URL to application on Google Play Store.</li> </ul>	<ul style="list-style-type: none"> <li>privacy policy discloses user information collected.</li> <li>wireframes sketched of the application.</li> <li>step-by-step user guide.</li> <li>code commented with KDoc &amp; generated with Dokka.</li> <li>URL to application on Google Play Store.</li> </ul>
	Git branches comprehensively named with convention & contain code relating to the feature.	Git branches clearly named with convention & contain code relating to the feature.	Git branches named with convention & contain code relating to the feature.	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 comprehensively formatted & reflect the feature changes in concise detail.	Git commit messages clearly formatted & reflect the feature changes in substantial detail.	Git commit messages formatted & reflect the feature changes in detail.	Git commit messages do not or do not fully formatted & reflect the feature changes.
	Continuous integration using GitHub Actions comprehensively setup.	Continuous integration using GitHub Actions clearly setup.	Continuous integration using GitHub Actions setup.	Continuous integration using GitHub Actions not or not fully setup.

# Project Marking Cover Sheet

Name:

Date:

Learner ID:

Assessor's Name:

Assessor's Signature:

Criteria	Out Of	Weighting	Final Result
Functionality	10	40	
Code Elegance	10	45	
Documentation & Git/GitHub Usage	10	15	
Final Result			/100
This assessment is worth 80% of the final mark for the Mobile Application Development course.			

Feedback: