IN721001: Mobile Application Development

Project Assessment Rubric

	10-9	8-7	6-5	4-0
Functionality	Application contains comprehensive & robust evidence on the following: Opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. Country data fetched from a GitHub Gist. Text translation & text to speech support. Selection of well-known phrases. Register a new user, login a user and logout a user. Interactive quiz. Google map displaying tourist attractions as markers. Light & dark mode. Splash screen with Lottie animation. Adaptive launcher icon. Visually attractive UI. Published to & downloadable from Google Play Store. UI tests verify correctness. Incorrectly formatted input fields handled. Appropriate feedback given to a user.	Application contains clear & detailed evidence of functionality on the following: Opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. Country data fetched from a GitHub Gist. Text translation & text to speech support. Selection of well-known phrases. Register a new user, login a user and logout a user. Interactive quiz. Google map displaying tourist attractions as markers. Light & dark mode. Splash screen with Lottie animation. Adaptive launcher icon. Visually attractive UI. Published to & downloadable from Google Play Store. UI tests verify correctness. Incorrectly formatted input fields handled. Appropriate feedback given to a user.	Application contains evidence on the following: Opens & runs on API 28: Android 9.0 (Pie) without file structure & code modification. Country data fetched from a GitHub Gist. Text translation & text to speech support. Selection of well-known phrases. Register a new user, login a user and logout a user. Interactive quiz. Google map displaying tourist attractions as markers. Light & dark mode. Splash screen with Lottie animation. Adaptive launcher icon. Visually attractive UI. Published to & downloadable from Google Play Store. UI tests verify correctness. Incorrectly formatted input fields handled. Appropriate feedback given to a user.	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. Country data fetched from a GitHub Gist. Text translation & text to speech support. Selection of well-known phrases. Register a new user, login a user and logout a user. Interactive quiz. Google map displaying tourist attractions as markers. Light & dark mode. Splash screen with Lottie animation. Adaptive launcher icon. Visually attractive UI. Published to & downloadable from Google Play Store. UI tests verify correctness. Incorrectly formatted input fields handled. Appropriate feedback given to a user.

IN721001: Mobile Application Development

Project

Version 2, Semester One, 2022

Kotlin & XML files thoroughly contain no Kotlin & XML files mostly contain no magic Kotlin & XML files contain some magic Kotlin & XML files contain frequent magic magic numbers/strings & are stored in numbers/strings & are stored in their numbers/strings & are stored in their numbers/strings & are not or are not fully their appropriate XML files. appropriate XML files. appropriate XML files. stored in their appropriate XML files. Application code thoroughly demonstrates Application code clearly demonstrates Application code demonstrates code Application code does not or does not fully code elegance on the following: code elegance on the following: elegance on the following: demonstrate code elegance on the Idiomatic use of control flow, Idiomatic use of control flow. Idiomatic use of control flow. following: data structures & other in-built data structures & other in-built • Idiomatic use of control flow, data structures & other in-built functions. functions. functions. data structures & other in-built Code Elegance Sufficient modularity, i.e., code Sufficient modularity, i.e., code Sufficient modularity, i.e., code functions. adheres to DRY, KISS & MVVM. adheres to DRY, KISS & MVVM. adheres to DRY, KISS & MVVM. Sufficient modularity, i.e., code Adhere to an OO architecture. Adhere to an OO architecture. Adhere to an OO architecture. adheres to DRY, KISS & MVVM. i.e., classes, functions, concise i.e., classes, functions, concise i.e., classes, functions, concise Adhere to an OO architecture, naming & functions assigned to naming & functions assigned to naming & functions assigned to i.e., classes, functions, concise naming & functions assigned to the correct classes. the correct classes. the correct classes. Efficient algorithmic approach. Efficient algorithmic approach. Efficient algorithmic approach. the correct classes. Efficient algorithmic approach. Code comments documented Code comments documented Code comments documented using KDoc. using KDoc. using KDoc. Code comments documented API keys stored & retrieved from API keys stored & retrieved from API keys stored & retrieved from using KDoc. local.properties. local.properties. local.properties. API keys stored & retrieved from Code formatted Kotlin & XML Code formatted Kotlin & XML Code formatted Kotlin & XML local.properties. Code formatted Kotlin & XML files. files. files. files. No dead or unused code. README file does not or does not fully README file contains comprehensive README file contains clear evidence of: README file contains evidence of: evidence of: URL to application's privacy contain evidence of: URL to application's privacy 픙 URL to application's privacy URL to application's privacy policy. policy. policy. URL to commented code URL to commented code policy. **Documentation &** URL to commented code generated to Markdown using generated to Markdown using URL to commented code generated to Markdown using Dokka. Dokka. generated to Markdown using Dokka. Dokka. URL to application on Google Play Store. Play Store. Play Store. Play Store. Git commit messages clearly formatted & Git commit messages formatted & reflect Git commit messages comprehensively reflect the feature changes in substantial the feature changes in detail. Git commit messages do not or do not formatted & reflect the feature changes in fully formatted & reflect the feature detail. concise detail. changes.

IN721001: Mobile Application Development

Project

Version 2, Semester One, 2022

IN721001: Mobile Application Development

Project Assessment 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 65% of the final mark for the Mobile Application Development course.						
Feedback:						
Functionality:						
Code Elegance:						
Documentation & Git Usage:						

IN721001: Mobile Application Development

Project

Version 2, Semester One, 2022