submission-file.md 4/25/2023

# Submission Guide

You will need to edit this file, create a PDF using the instructions below, from this file. Sign it digitally and upload to Moodle

#### How to create a PDF from Markdown

When finished you should export to PDF using VSCode and MarkdownPDF Extension. Make sure you select no headers and no footers in the

extension preferences before exporting to PDF.

Upload this PDF into Moodle for submission including a copy of your presentation slides.

### Link to GitHub Repository

Flutter Application Name - Skylark

GitHub Repository - https://github.com/Lionel-Lim/Skylark

### Introduction to Application

Skylark is a mobile application designed to assist users in identifying and discovering unknown places within their vicinity using Google Maps. Developed with Flutter, the app offers cross-platform compatibility for both Android and iOS devices. Leveraging the device's camera, users can point their mobile phone towards a place of interest, and the app searches for all places within a configurable radius. To provide a personalised experience, Skylark allows users to sort the results by distance or popularity.

The primary goal of Skylark is to create a seamless and engaging user experience that fosters a deeper connection between users and their surroundings. By offering an easy-to-use interface and sorting capabilities, Skylark delivers a unique and tailored approach to urban exploration, empowering users to uncover the hidden in their city.

## Biblography

- Baseflow, 2022a. geolocator | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/geolocator/example (accessed 1.25.23).
- 2. Baseflow, 2022b. cached\_network\_image | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/cached\_network\_image (accessed 4.25.23).
- 3. brettmorgan, 2023. Adding Google Maps to a Flutter app [WWW Document]. Google Codelabs. URL https://codelabs.developers.google.com/codelabs/google-maps-in-flutter (accessed 1.25.23).
- 4. chaitanyamunje, 2022. How to Get Users Current Location on Google Maps in Flutter? GeeksforGeeks. URL https://www.geeksforgeeks.org/how-to-get-users-current-location-on-google-maps-in-flutter/ (accessed 1.25.23).
- 5. dart.dev, 2022. http | Dart Package [WWW Document]. Dart packages. URL https://pub.dev/packages/http (accessed 4.25.23).
- 6. Flutter Community, Mark O'Sullivan, 2023. flutter\_launcher\_icons | Dart Package [WWW Document]. Dart packages. URL https://pub.dev/packages/flutter\_launcher\_icons (accessed 4.25.23).

submission-file.md 4/25/2023

7. flutter.dev, 2023. google\_maps\_flutter | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/google\_maps\_flutter (accessed 4.25.23).

- 8. Google, 2023. Material Design [WWW Document]. Material Design. URL https://m2.material.io/design/color/the-color-system.html (accessed 4.25.23).
- 9. Hemanth Raj V, 2021. flutter\_compass | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/flutter\_compass (accessed 4.25.23).
- 10. Jon Hanson, 2023. flutter\_native\_splash | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/flutter\_native\_splash (accessed 4.25.23).
- 11. Kirill Bychkov, 2022. maps\_toolkit | Dart Package [WWW Document]. Dart packages. URL https://pub.dev/packages/maps\_toolkit (accessed 4.25.23).
- 12. Marcel Garus, 2022. marquee | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/marquee (accessed 4.25.23).
- 13. Muhammad Ali, 2023. smooth\_compass | Flutter Package [WWW Document]. Dart packages. URL https://pub.dev/packages/smooth\_compass (accessed 4.25.23). Panabee, LLC, 2023. Hotpot.ai [WWW Document]. Hotpot.ai. URL https://hotpot.ai/ (accessed 4.25.23).

# **Declaration of Authorship**

I, DONGYOUNG LIM, confirm that the work presented in this assessment is my own. Where information has been derived from other sources, I confirm that this has been indicated in the work.

#### **Dongyoung Lim**

25 April 2023