Google Atelierul Digital

Android Fundamentals with Kotlin

Happy Places – Final Project

- **Splash screen – with icon & name of the app**

- **Main screen**
  - o Navigation drawer
  - o Left menu items:
    - ▪ Top area with: Full username, Email address & Profile image
    - ▪ Home (item)
    - ▪ About Us (item)
    - ▪ Contact (item)
    - ▪ Share (item)
    - ▪ Other relevant options can be added in the drawer
  - o Optional: Top area could redirect to a profile section where the user can view & edit his information
  - o Optional: Logout option (if the app will support sign-in)
  - o The main fragment will be the list happy places

- **Happy places list will be a RecyclerView and each item will contain the next fields(as a card):**
  - o Location image
  - o Place name
  - o Place location
  - o Overall mood (icon representation preferred)
  - o Bookmark button to mark the place as favorite

- **Add/Edit place**
  - o The add action will be triggered by the FAB from the fragment with the list of places
  - o The edit action will be triggered by the long press (or swipe) on the item from the list of places
  - o The place will contain the next fields (form):
    - ▪ Place name (input)
    - ▪ Date & Time (date picker)
    - ▪ Overall Mood (slider)
    - ▪ Activity type (dropdown picker)

- Place type (dropdown picker)
- Place location (use Google Map with Google Places API to get readable location)
- Note (input)
- Gallery Photo (select photo from gallery) [optional]
- Take Photo (select photo from gallery) [optional]
- Save button

- **Details screen for viewing place entry fields (read only). This can be designed as you see fit in order to show all the relevant information. Pay special attention for images with gallery type flows.**
  - Display weather from that location using a public API like https://openweathermap.org/current

- **See your place in the map using Google Maps API (interactive markers on the map)**
  - The action for viewing the map with places will be triggered by the FAB from the fragment with list of places (as secondary option) or via menu option

- **Option: Application settings**
  - Triggered either from drawer or from menu option (on main screen)
  - Application Theme (light & dark)
  - Application Language (English + at least one more)
  - Map mode (satellite view vs normal)
  - Show map scale (when zooming in and out)
  - Send feedback(via predefined email or a dummy flow)

Good luck and reach out if you have any questions.