

Project: Migration of Flutter App to Native iOS
Deliverable 1 of 6

Overview

The existing app is built in Flutter, and I want to rebuild it using **native iOS technologies (Swift/SwiftUI/UIKit)**. This deliverable focuses on setting up **10 static screens** that pull their data from a **local SQLite database**.

I will provide access to the GitHub repository of the existing Flutter app after awarding the project. The repository will include:

- The SQLite database
 - The existing queries
 - The current theme and design references
-

Scope of Deliverable 1

Screens to be Developed

1. Home Screen

- Acts as the main menu bar.
- Lists navigation links to all major screens.

2. Left Sidebar

- Lists links to all the screens.
- A right-hand sidebar should be accessible from every screen.
- Sidebar closes when the user taps outside it.

3. Splash Screen

- Displays only the logo.

- Visible on every app launch.

4. Hunter Reporting Data

- Data source: local SQLite database.
- Includes a table and pie charts for different animals.
- Displays the number of individuals of each species hunted in the previous year.

5. Ontario Hunting Seasons

- Lists all animals with hunting rules and regulations.
- Displays their season and permitted weapons.
- A dropdown at the top allows filtering by **All WMUs** or a specific WMU.
- Data comes from the local SQLite database.

6. Ontario Fishing Seasons

- Lists fishing rules and regulations for a specific FMZ region (default to **FMZ1**).
- Displays data in Nested accordion format.
- Includes additional opportunities and exceptions.
- Not all FMZs have additional opportunities.
- Data comes from the local SQLite database.

7. About Screen

- Displays static text.

8. Contact Screen (Bottom Sheet)

- Opens as a bottom sheet.
 - Provides an option to open the default email app to send an email.
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Deliverables for this Phase

- Development of **10 static screens** in **native iOS (Swift/SwiftUI/UIKit)**.
 - Integration with **local SQLite database**.
 - Implementation of navigation and sidebars as described.
 - Reuse of the existing **theme and UI design** (to be extracted from Flutter repo).
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Notes

- Only static screens and data from SQLite are required in this phase.
- I will provide the Flutter GitHub repo to extract queries and design references.
- The UI should match the existing design (screenshots attached for reference).

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☰ Home

FMZ 10



zone-wide
seasons

additional
opportunities

exceptions

Fish: Aggregate Limits for Trout and Salmon (including Splake)

Limits: S-5 and C-2; total daily catch and possession limit for all trout and salmon species combined (Resident)

Fish: Atlantic Salmon

Season: January 1 to September 30

Limits: S-1 and C-0 (Resident)

Fish: Brook Trout

Season: January 1 to September 30

Limits: S-5 and C-2 (Resident)

Fish: Brown Trout

Season: Open all year

Limits: S-5 and C-2 (Resident)

Fish: Channel Catfish

Season: Open all year

Limits: S-12 and C-6 (Resident)

Fish: Crappie

Season: Open all year

Limits: S-30 and C-10 (Resident)

General Information for FMZ 10

FMZ season regulations

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☰ Home

FMZ 10



zone-wide
seasons

additional
opportunities

exceptions



Brook Trout



Lake Trout



Additional Opportunity



Limits: S-2 and C-1; no size limit

- Azure Lake (47°27'36"N., 81°52'10"W.)
- Bass Lake (46°13'16"N., 82°53'53"W.)
- Bellows Lake (Horseshoe Lake)
(46°19'08"N., 82°20'26"W.)
- Blackies Lake (47°26'55"N., 81°26'22"W.)
- Cedar Lake (Lake 56) (47°12'48"N.,
80°51'43"W.)
- Elizabeth Lake (46°14'39"N., 81°38'02"W.)
- Geneva Lake (46°45'52"N., 81°32'31"W.)
- Gowganda Lake (47°38'18"N., 80°46'59"W.)
- Isabel Lake (Beauty Lake) (47°32'06"N.,
80°36'10"W.)
- Jerry Lake (47°35'13"N., 81°08'57"W.)
- Kecil Lake (46°15'34"N., 82°17'57"W.)
- Lake 34 (Plier Lake) (47°17'05"N.,
80°57'53"W.)
- Loon Lake (46°12'44"N., 81°42'29"W.)
- Memoir Lake (47°30'16"N., 82°58'54"W.)
- Miller Lake (47°39'37"N., 80°43'26"W.)
- Mount Lake (46°40'31"N., 82°43'51"W.)
- Ortona Lake (Tee Lake) (46°29'48"N.,
82°14'08"W.)

FMZ additional opportunities

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FMZ 10



zone-wide
seasons

additional
opportunities

exceptions

Waterbody Exceptions



Bait Restrictions



Live fish may not be used as bait or
possessed for use as bait



- Carol Lake (47°34'07"N., 84°37'22"W.)
- Dwyer Lake (46°39'03"N., 80°24'05"W.)
- Geographic Townships of Schembri and Scriven in the Territorial District of Sudbury and Way-White, Wlasy, Bracci and Tupper in the Territorial District of Algoma - refer to Waterbody Exceptions
- Lake 2 (47°02'48"N., 83°47'27"W.) - Nahwegezhic Township
- Lake 21 (47°37'22"N., 80°57'10"W.) - Tyrrell Township
- Lake 24 (47°03'59"N., 83°47'30"W.) - Gaudry Township
- Lake Superior Provincial Park and the surrounding Townships of Redsky and Restoule (except Anjigami Lake), Roy, Stoney, Sugananaqueb, Barnes, Beaudin, Bullock, Cannard, Greenwood, Grootenboer, Labonte, and Larson, Home and Peever north of the Montreal River
- Poem Lake (47°03'13"N., 83°47'42"W.)
- Saddle Lake (46°57'10"N., 83°47'17"W.)
- Sill Lake (46°46'24"N., 84°14'59"W.)



Fish Sanctuaries



FMZ exceptions

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☰ Home

All WMUs



White-tailed Deer



Moose



Wild Turkey



Arctic Fox



Black Bear



Canada Geese and
Cackling Geese



Cottontail and European
Hare



Double-crested
Cormorant



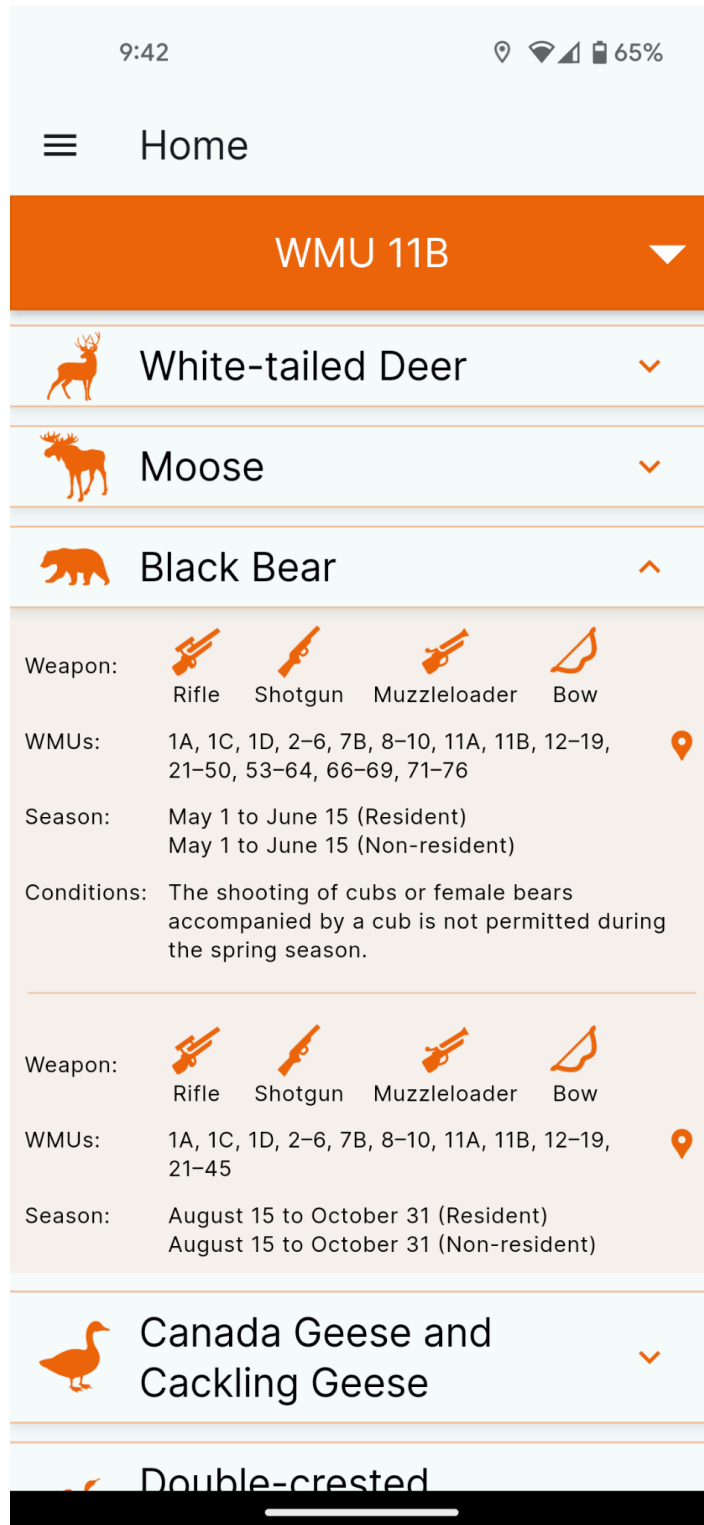
Ducks (other than
Harlequin Ducks)



Elk



All hunting/wmu regulations



Specific hunting/wmu regulation



Splash Screen

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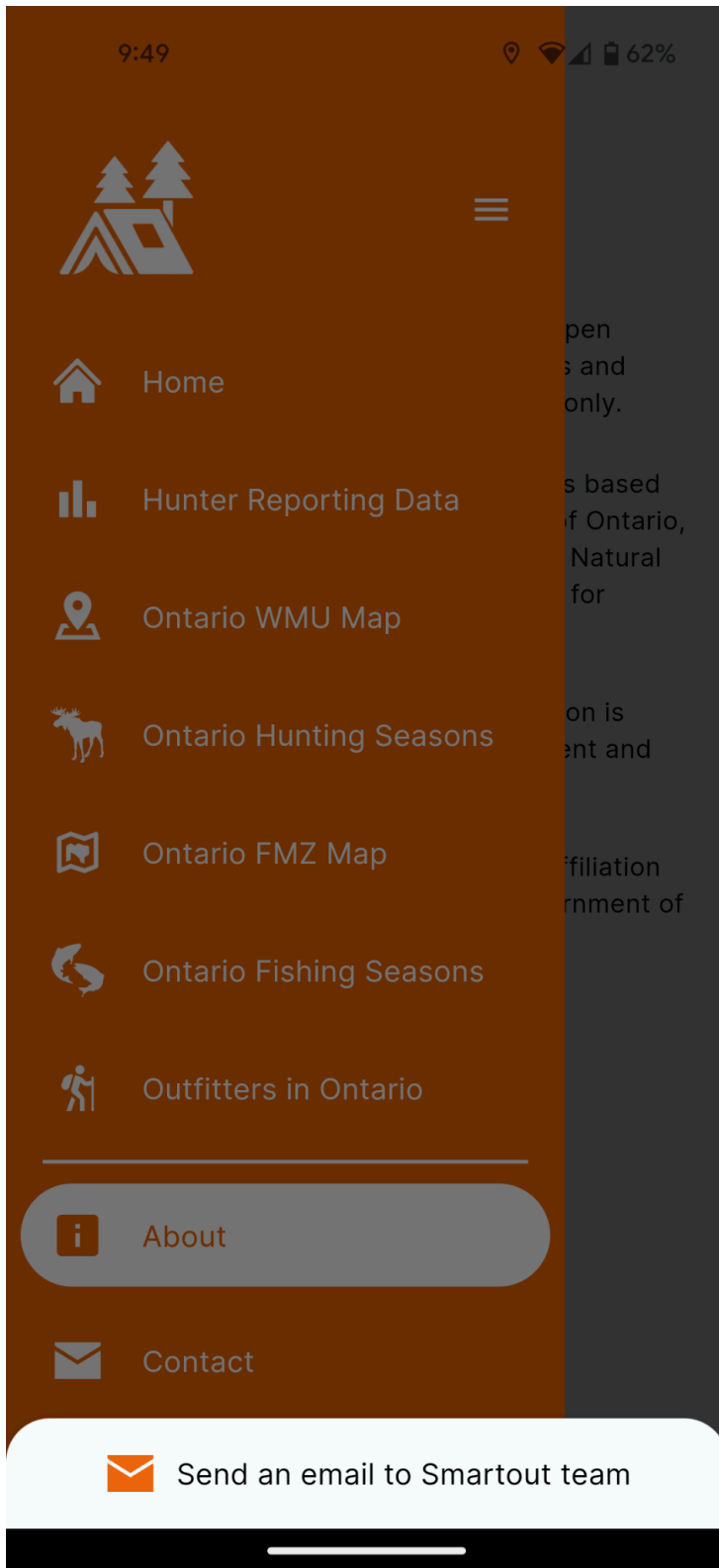
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Contact US bottom sheet

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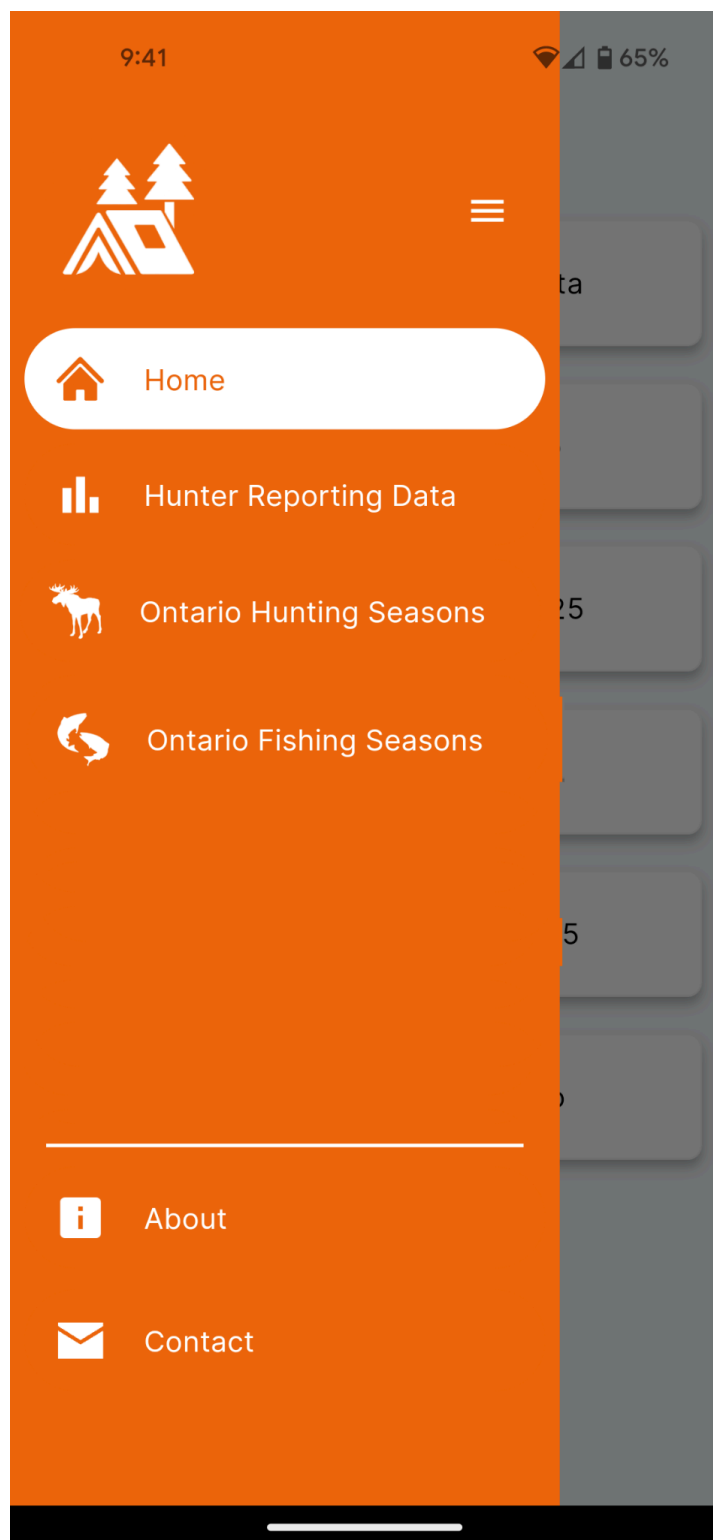
Hunter Reporting Data



Hunting Seasons 2025



Fishing Seasons 2025



Left hand sidebar