LITTERLOGGER
SPOT IT? SNAP IT!
PROTECT THE RIVER.

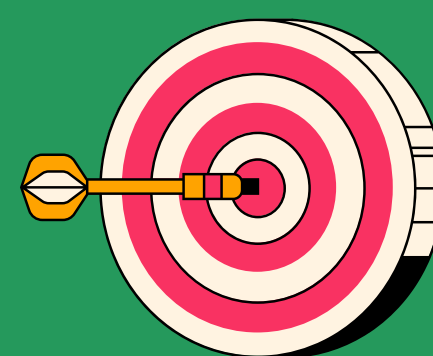**FRIENDS OF THE RIVER KELVIN**

PROBLEM STATEMENT

- Littering around River Kelvin by inconsiderate people, causing pollution
- Lack of bins & resources to keep clean
- Friends of the River Kelvin (FORK) hosts voluntary litter picking events
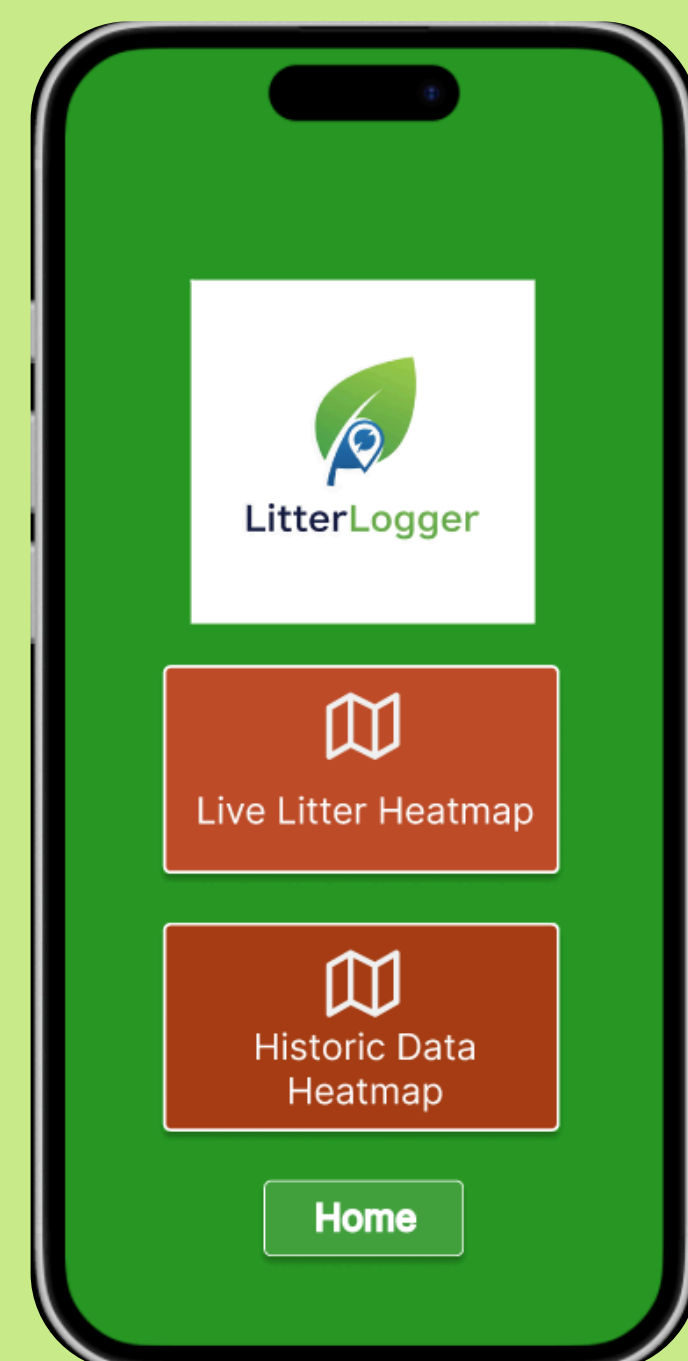
OUR AIM

Assist Friends of the River Kelvin (FORK) with a solution to gather data & tackle littering problem around the river.
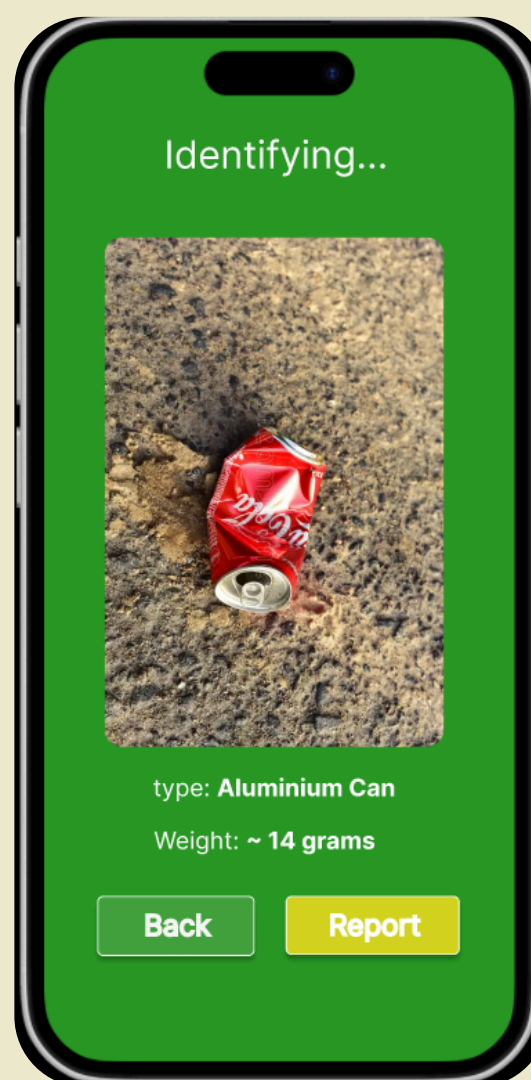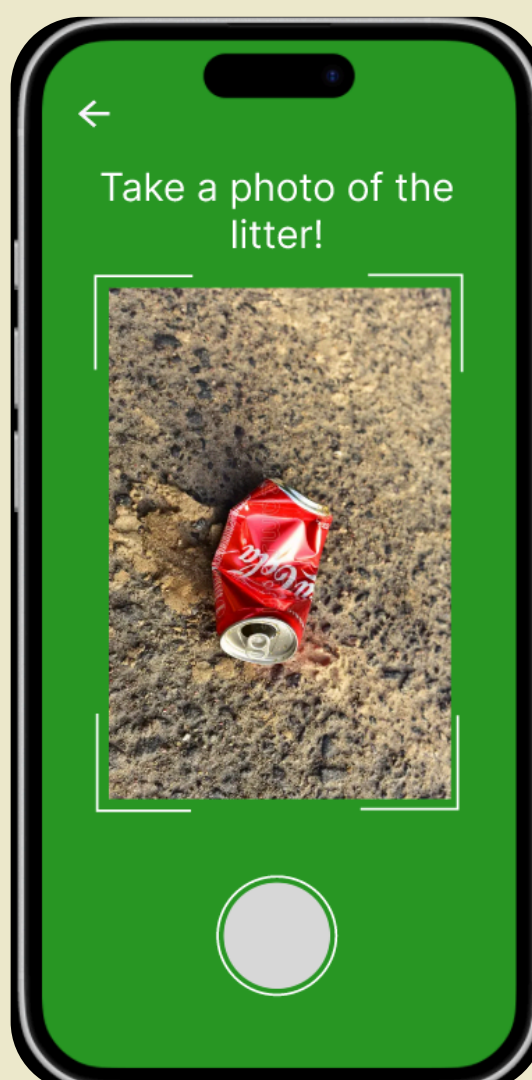
OUR SOLUTION? LITTERLOGGER!

- Multi-functional mobile app
- Support litter reporting by the community
- Use AI to identify litter type & estimate litter weight for easier reporting
- View real-time heatmap of litter reports
- View historic heatmap of litter picking
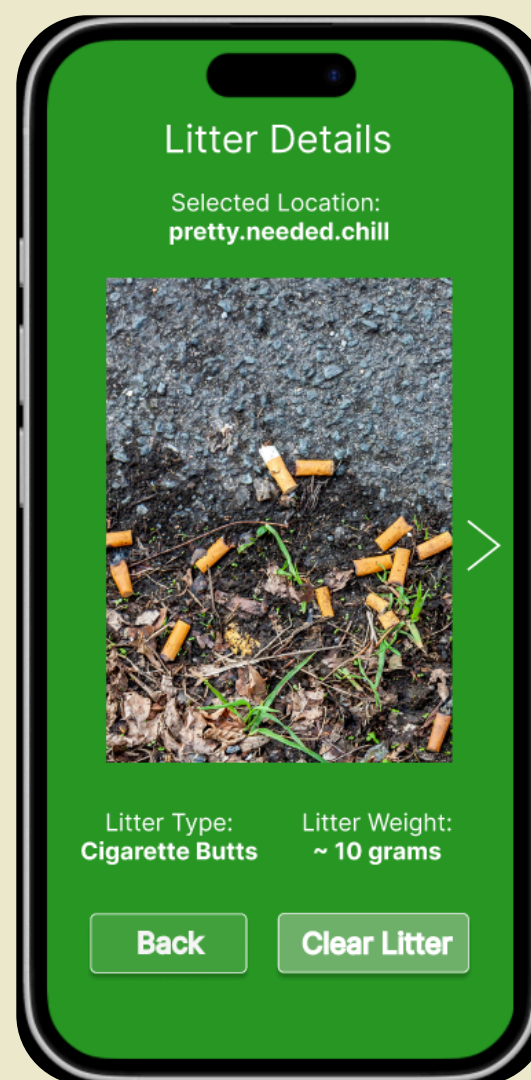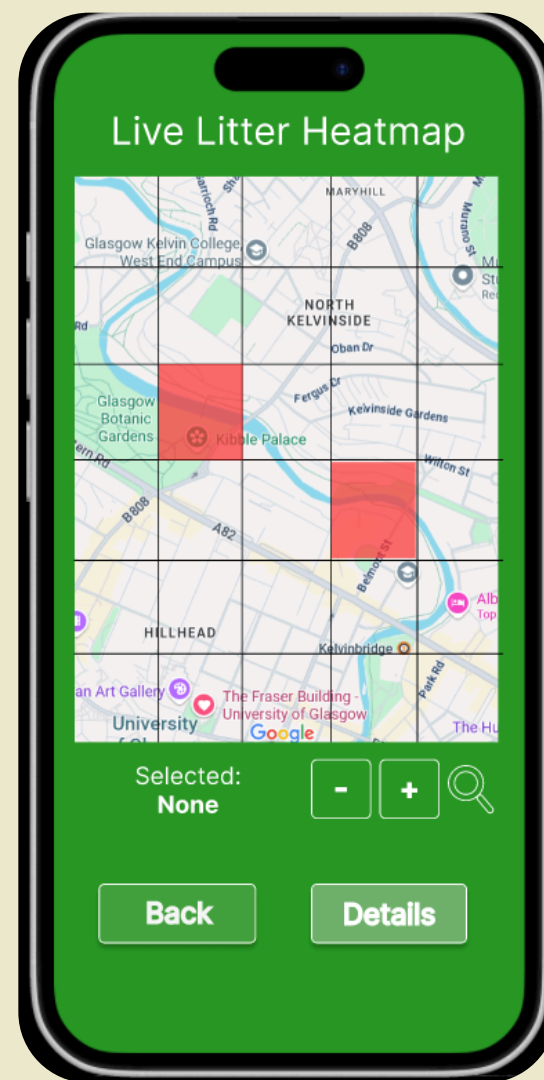- Log litter picking to gather data
- Export data for presentation

LitterLogger
- Identify
- Report
- Picking Log
- Heatmap

LitterLogger
- Live Litter Heatmap
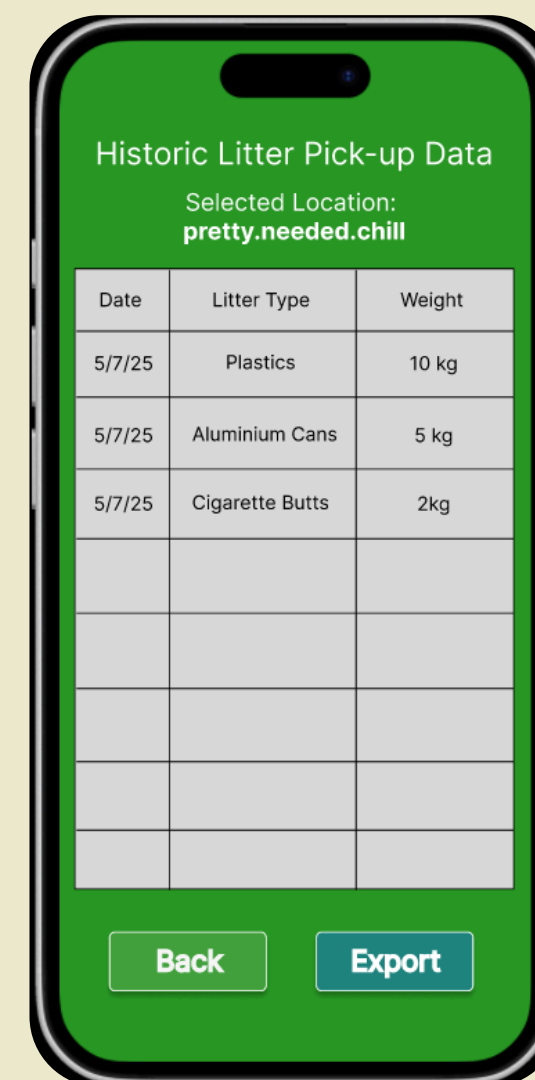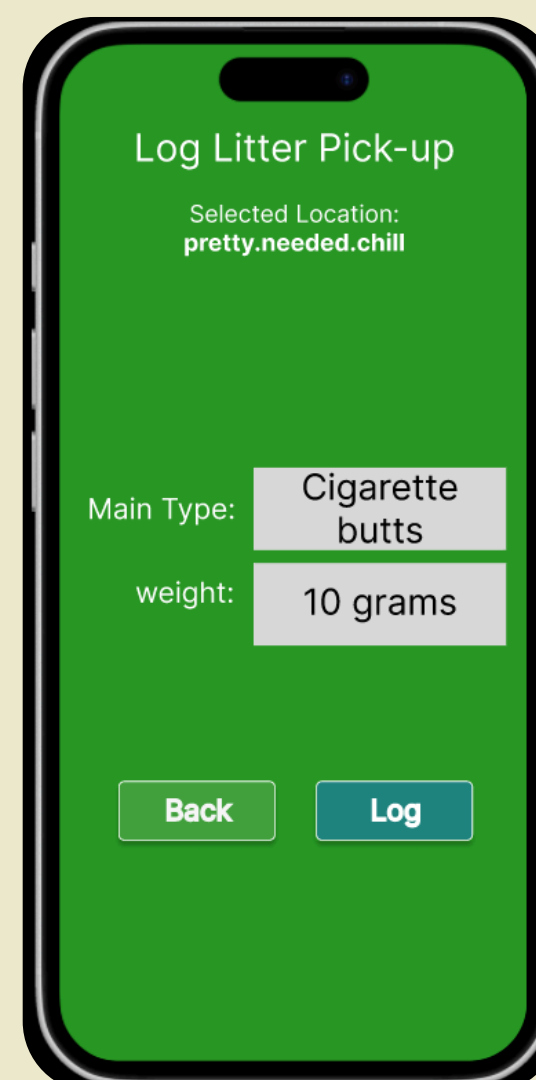- Historic Data Heatmap
- Home

KEY FEATURES

Snap & Identify: Use AI image recognition to identify litter type & weight.

Live Heatmaps: View litter hotspots in different regions through the heatmap to prioritise clean-up location.

Clean-up log: Track clean-up efforts easily by logging the weight and type of litter removed.

Take a photo of the litter!

Identifying...
type: **Aluminium Can**
Weight: **~ 14 grams**
Back | Report

Live Litter Heatmap
Selected: **None** — + 🔍
Back | Details

Litter Details
Selected Location: **pretty.needed.chill**
Litter Type: **Cigarette Butts** Litter Weight: **~ 10 grams**
Back | Clear Litter

Log Litter Pick-up
Selected Location: **pretty.needed.chill**
Main Type: **Cigarette butts**
weight: **10 grams**
Back | Log

Historic Litter Pick-up Data
Selected Location: **pretty.needed.chill**

Date	Litter Type	Weight
5/7/25	Plastics	10 kg
5/7/25	Aluminium Cans	5 kg
5/7/25	Cigarette Butts	2kg

Back | Export

PROJECT WEBSITE

📱 SCAN ME!

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