

# Iter: A METAR Browsing and Flight Charting Mobile Application

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## The Issue

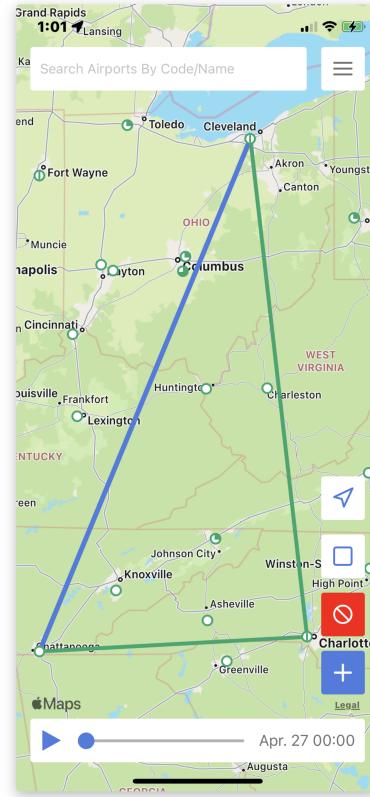
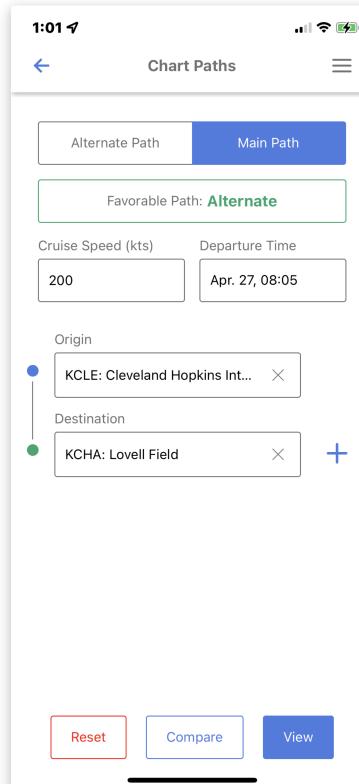
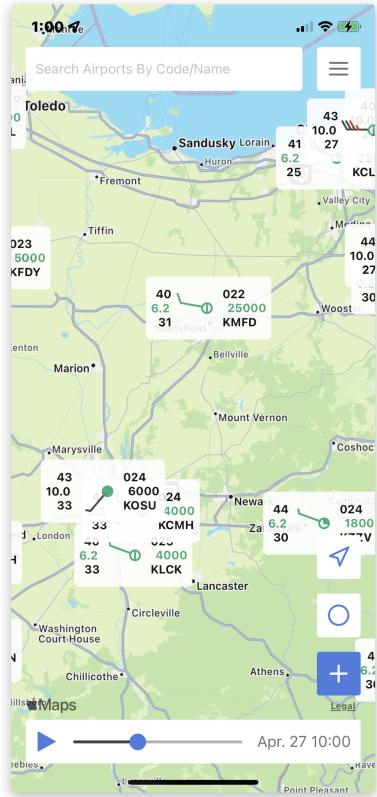
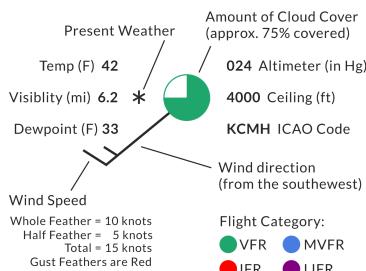
No efficient and accessible method of viewing both current and forecasted METAR data alongside flight path charting/comparison on a mobile device.

This hinders a pilot's capability to plan the most efficient and safe flight.

## METARs

- Standardized global format for communicating observable weather data.
- Text + graphical formats

## Modified Station Model



## The Product

- Cross-platform mobile application using React Native
- Provide desired features:
  - Current + forecasted METAR Data
  - Dual Flight Path Charting
  - Flight Path Comparison

## The Process

1. Research of weather data sources and methods
2. Designing of UI/UX
3. Coding of Application

## The Future

- Continue Development
- Display aircraft's forecasted location on path
  - Display individual paths on view screen with estimated travel time

