Weather App

SkyCast

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Basic Features:

- **City-Based Weather Fetching:** Lets users search for and view weather data for any city.
- **Location-Based Weather:** Displays weather information based on the user's current location.
- **Weather Display:** Shows current weather details like temperature, humidity, wind speed, and conditions.
- **Forecast Display:** Provides a 3-hourly weather forecast for the next 5 days in a scrollable list.
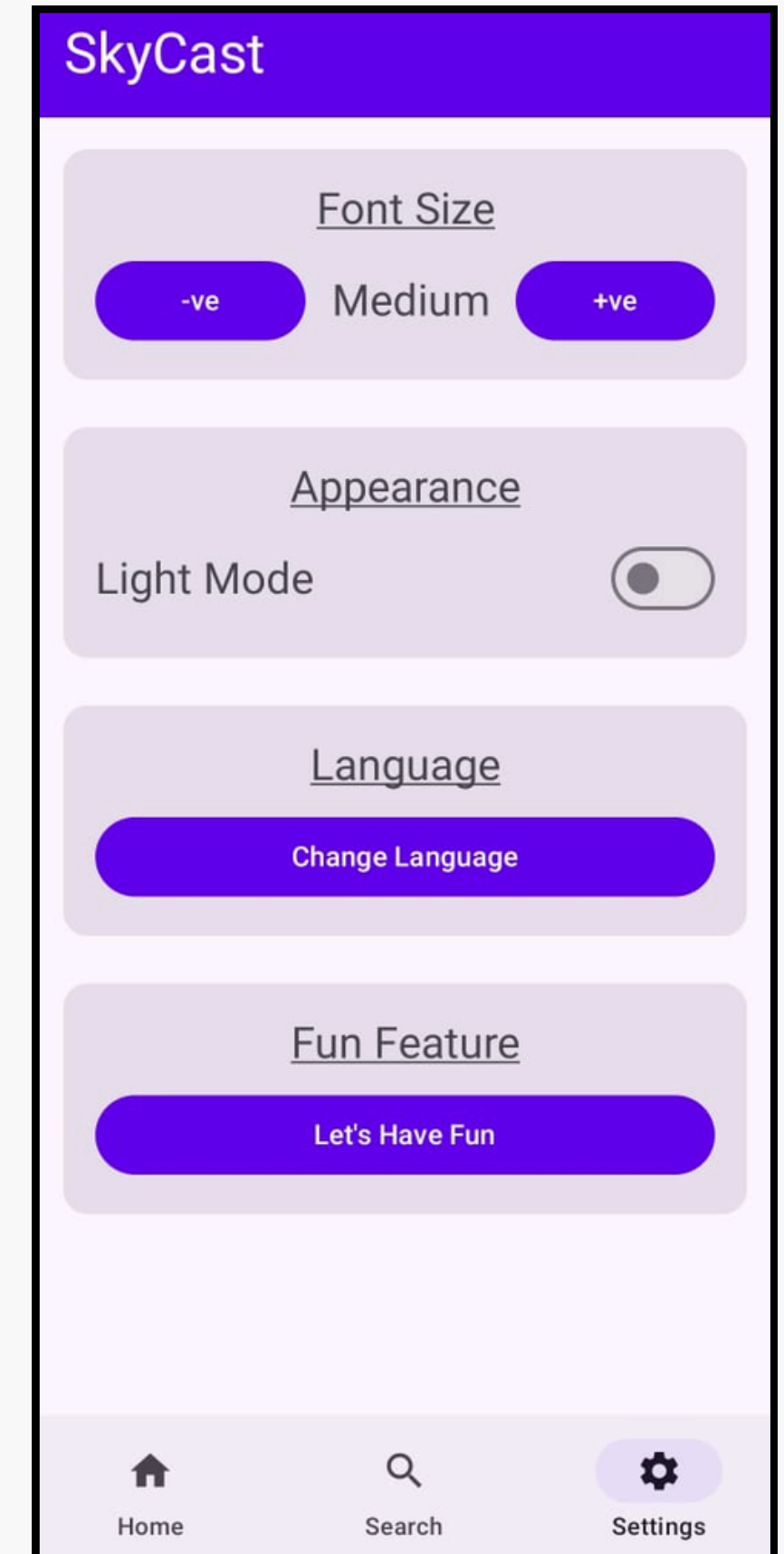
Screens:

- **Home Screen:** Displays the current weather and 3-hourly forecast for the user's location, with an option to manually refresh if battery is low.
- **Search Screen:** Allows users to enter a city name to view its current weather and forecast, providing weather data for any location.
- **Settings Screen:** Offers options to change the app's language, adjust font size, toggle between light and dark modes, and user can choose it accordingly.
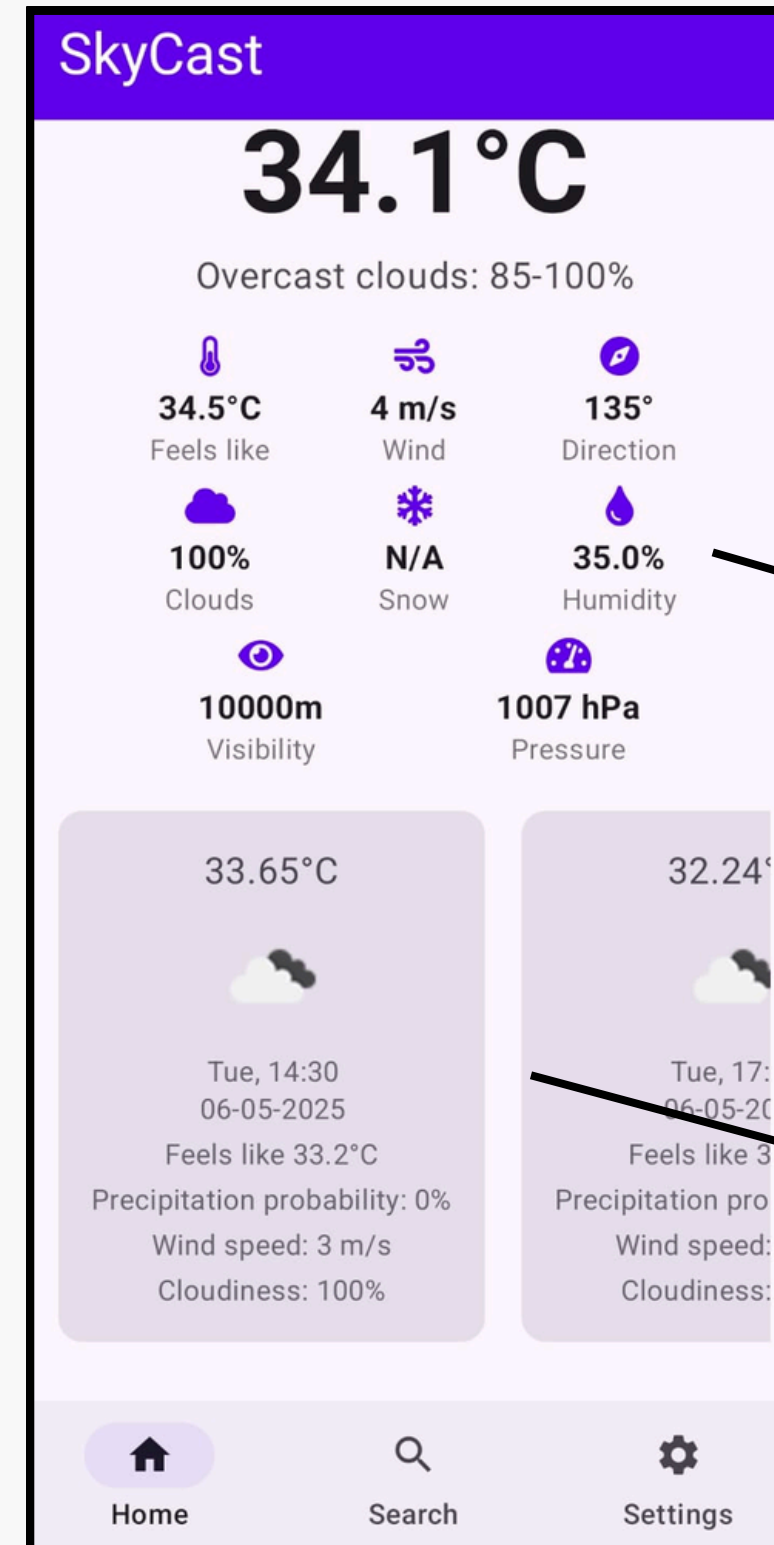
Additional Features

- **TalkBack/Content Descriptions**: Adds descriptions to UI elements for screen readers to assist visually impaired users.
- **Automatic Refresh (Battery):** Updates weather data every 30 seconds if battery is above 60%, every 2 minutes if between 30-60%, or manually if below 30% (a refresh button will appear for manual refresh).
- **Language Change:** Allows users to switch the app's language for better accessibility and localization.
- **Font Size Adjustment:** Enables users to increase or decrease text size for improved readability.
- **Light/Dark Mode:** Offers light and dark themes to reduce eye strain and save battery.
- **Fun Feature:** It is a feature which helps user to become stress free.

UI/UX Design

- **Clean Layout:** Vertically stacked weather and forecast sections ensure easy scanning of data.
- **Interactive Elements**: Swipeable forecast list in a horizontal row enhances user engagement.
- **Visual Hierarchy:** Bold temperature and icons stand out, with subtle details below.
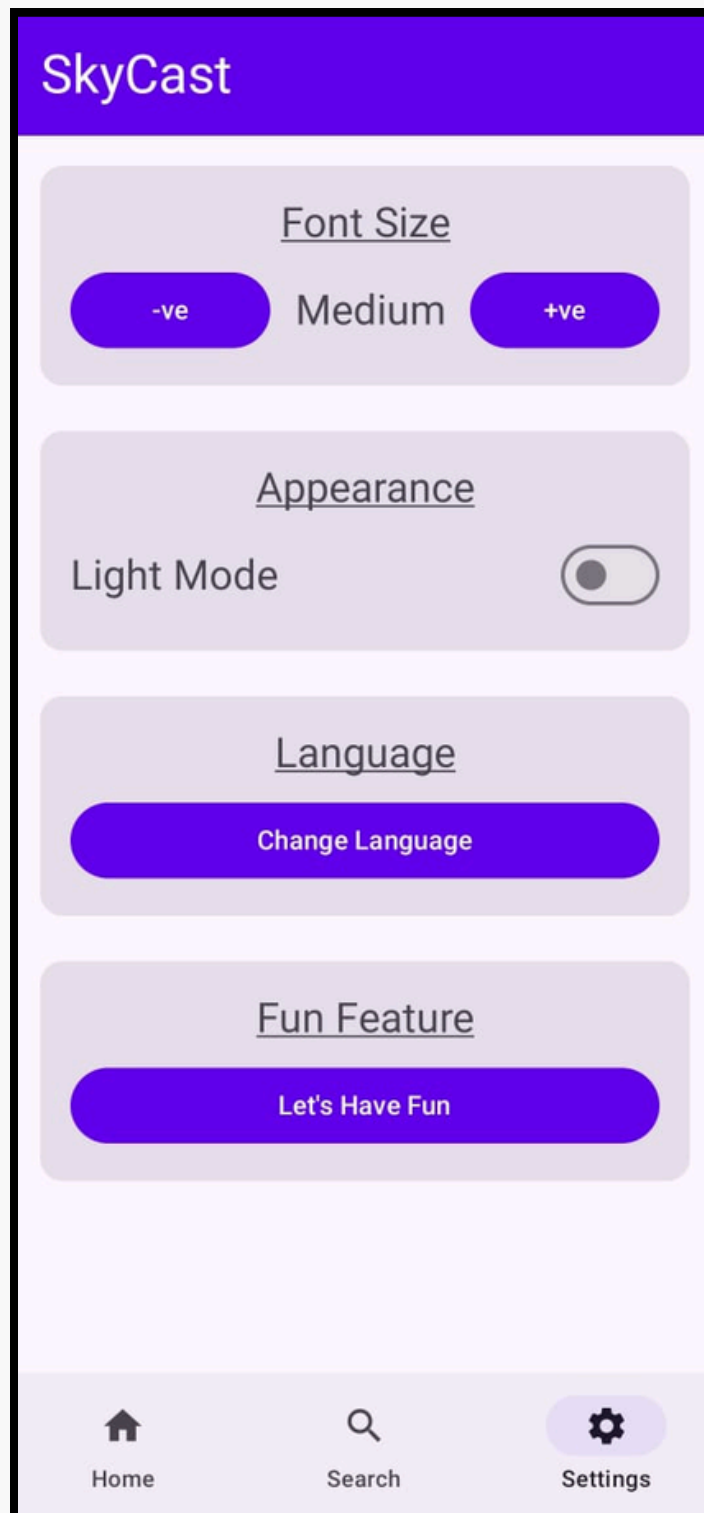

Shows all the details like: Actual Temp., Wind speed, Precipitation chances etc.

Swipe this horizontally for forecast
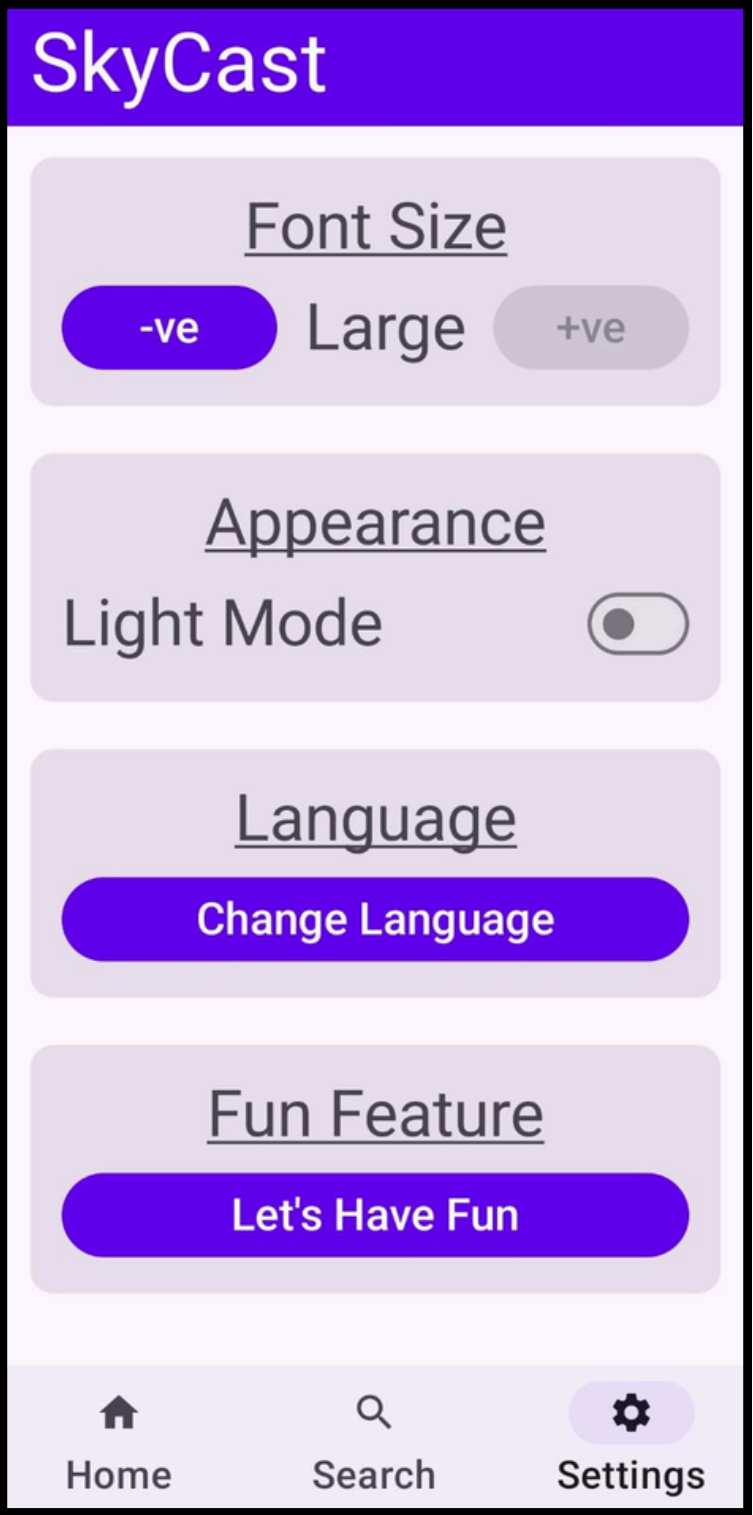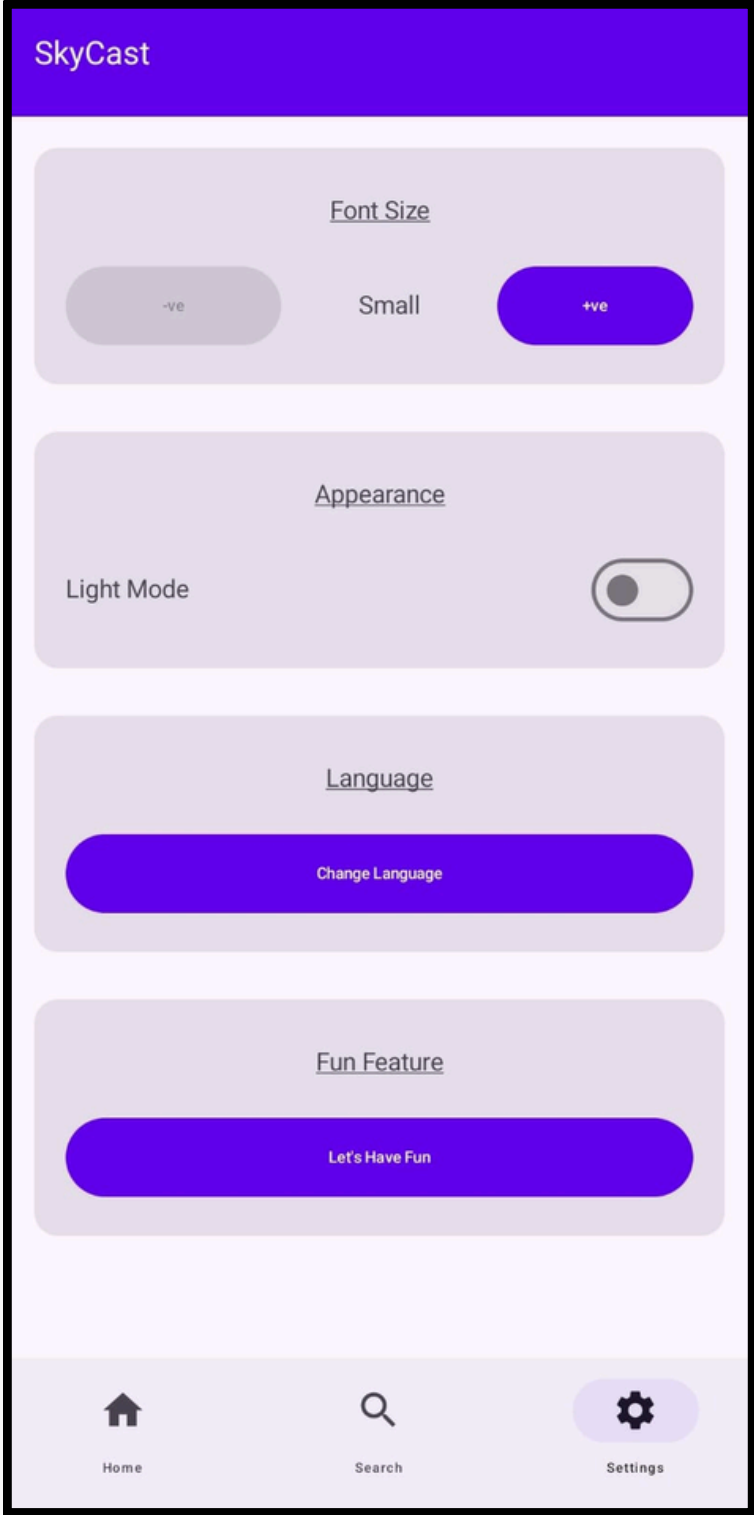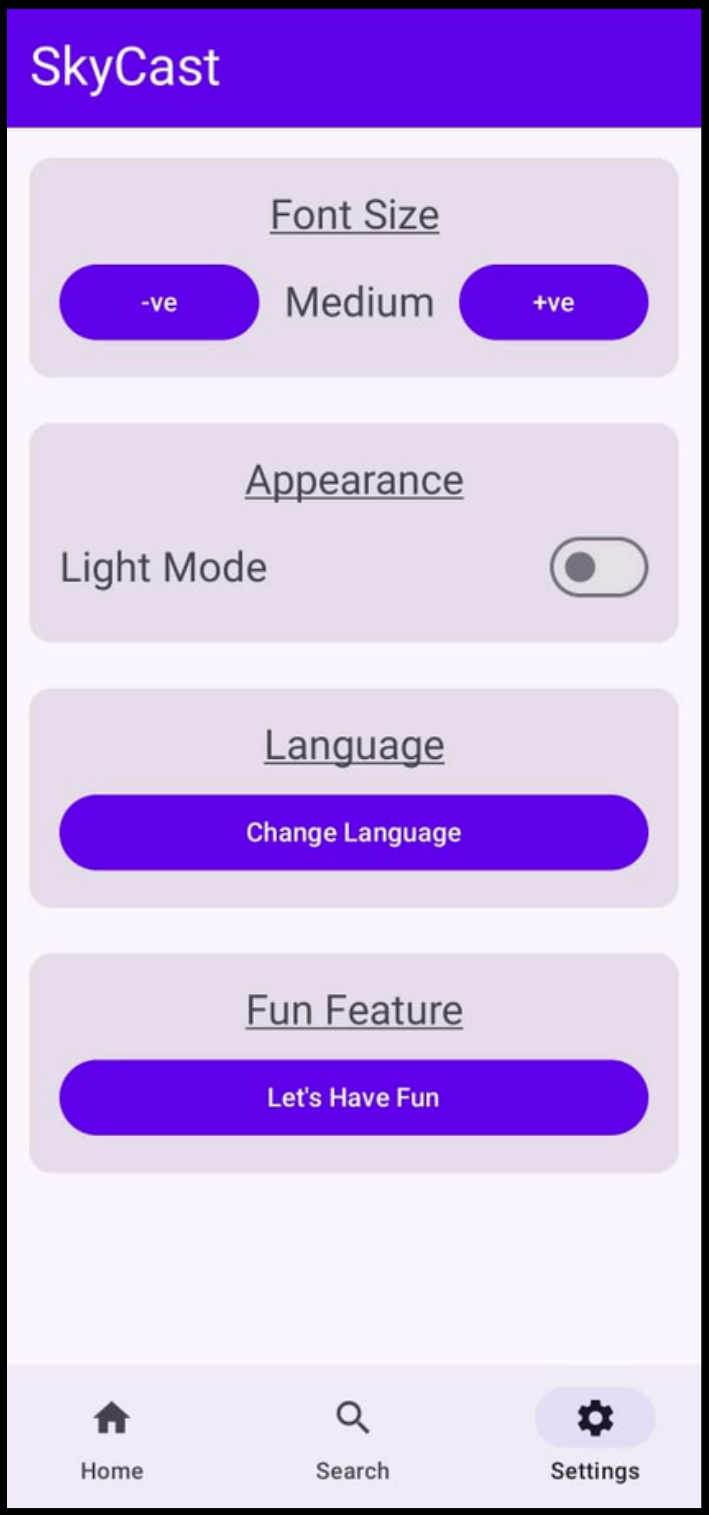
Accessibility/Settings:

- **Organized Options:** Lists settings like language, font size, and theme in a clean layout.
- **Language Selection Button:** Opens dialog to pick app's language for localization.
- **Font Size Increase/Decrease Button:** Increases/Decreases text size for better readability.
- **Theme Toggle Switch:** Switches between light/dark modes for comfort.
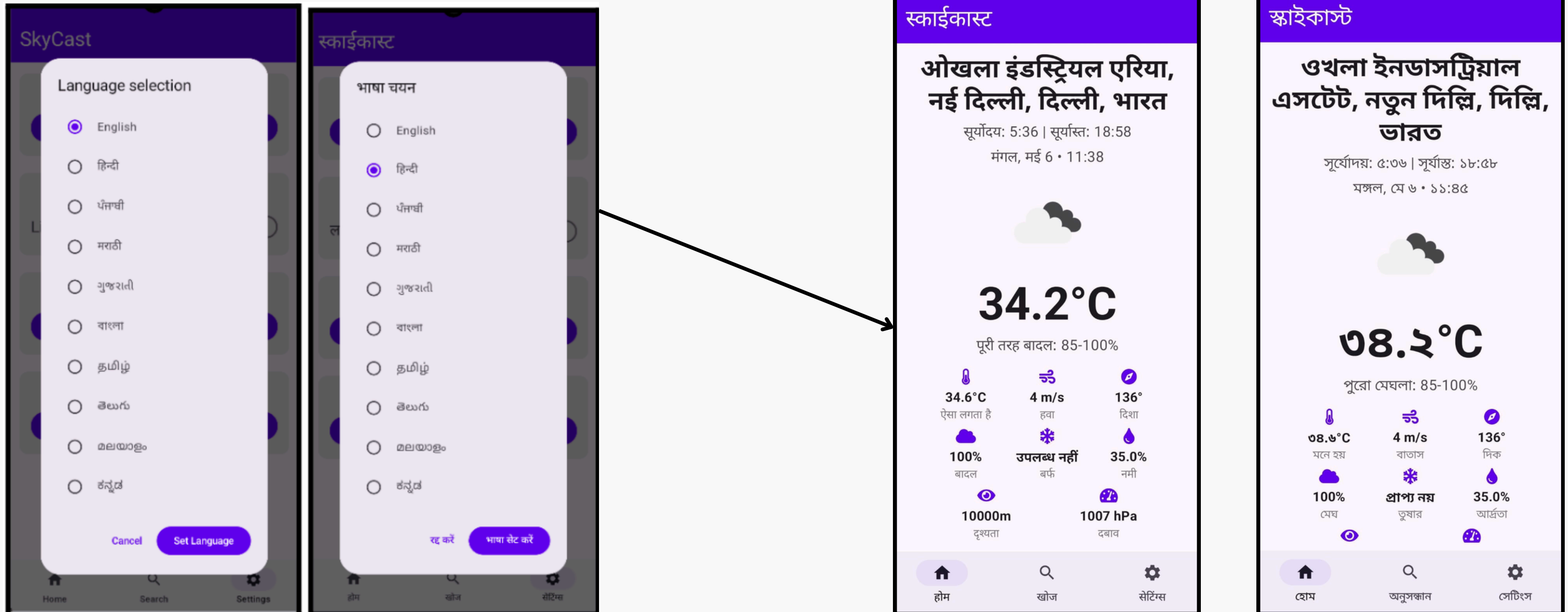- **Fun Feature**

- The same application in **Dark mode.**

Increase/Decrease Font Size

Screen 1:

SkyCast

Font Size
-ve   Medium   +ve

Appearance
Light Mode

Language
Change Language

Fun Feature
Let's Have Fun

Home   Search   Settings

Screen 2:

SkyCast

Font Size
-ve   Small   +ve

Appearance
Light Mode

Language
Change Language

Fun Feature
Let's Have Fun

Home   Search   Settings

Screen 3:

SkyCast

Font Size
-ve   Large   +ve

Appearance
Light Mode

Language
Change Language

Fun Feature
Let's Have Fun

Home   Search   Settings

Localisation (Bonus):

Additional Language Features

Fun Feature:

9%
Fetching location

Back

98%
Processing data

Back

Go outside, have some rest, and see for yourself

Back

Thank you