



## Log In

**Actors:** User

**Preconditions:** The User must be on the login screen.

**Postconditions:** User is authenticated and IdleView settings are loaded.

**Flow:**

- User opens the IdleView app.
- User enters their username and password.
- System verifies user against the database.
- System loads personalized settings.
- System displays the IdleView dashboard to the user.

## **Manage Widgets**

**Use Case Name:** Manage Widgets

**Actors:** User

**Preconditions:** User is logged in. User is viewing the IdleView dashboard.

**Postconditions:** Widgets on the IdleView are updated as per user selection.

**Flow:**

- User accesses the IdleView dashboard.
- User selects "Manage Widgets."
- User adds or removes widgets (e.g., weather, calendar, media).
- The system updates the IdleView screen to reflect these changes.
- User confirms the changes and exits the widget management screen.

## **Customize Dashboard**

**Actors:** User

**Preconditions:** User is logged into the IdleView app.

**Postconditions:** The IdleView dashboard is customized according to the user's preferences.

**Flow:**

- User accesses the "Dashboard Customization" option in the IdleView settings.
- User selects the features (e.g., weather, calendar, images) to display on the dashboard.
- User previews the configuration.
- User saves the changes, and the IdleView dashboard is updated accordingly.

## **Display Custom IdleView**

**Use Case Name:** Display Custom IdleView

**Actors:** User, IdleView App

**Preconditions:** User must be logged into the IdleView app. The device must be in idle mode.

**Postconditions:** The IdleView app displays customized content, such as weather, calendar events, and image slideshow.

**Flow:**

- Device enters idle mode.
- IdleView app retrieves the user's customized settings.
- IdleView app displays content (e.g., weather, calendar, images)
- After 20 seconds, the screen enters the dimming mode to save power.

**Display Weather Info**

**Actors:** User, IdleView App

**Preconditions:** User is logged in. User has configured the IdleView to show weather info.

**Postconditions:** Weather information (temperature, precipitation, air quality) is displayed on the IdleView screen.

**Flow:**

- User adds the weather widget to their IdleView configuration.
- The IdleView app retrieves real-time weather data.
- The weather information is displayed on the IdleView screen.
- Information is updated periodically.

**Show Calendar Events**

**Actors:** User, IdleView App

**Preconditions:** User is logged in. Calendar events are synced with the app.

**Postconditions:** The IdleView screen displays the user's upcoming calendar events.

**Flow:**

- User adds the calendar widget to their IdleView configuration.
- The IdleView app retrieves calendar events from the linked calendar account.
- Upcoming events are displayed on the IdleView screen.

**Play Media**

**Use Case Name:** Play Media

**Actors:** User, IdleView App

**Preconditions:** User is logged in. Media files are available in the library.

**Postconditions:** The selected media file is played on the IdleView screen.

Flow:

- User selects a media file from their library.
- IdleView app retrieves the selected media.
- The app begins playback of the media.
- Media continues playing even in dimming mode.

## **Enter Dimming Mode**

**Use Case Name:** Enter Dimming Mode

**Actors:** IdleView App

**Preconditions:** The IdleView screen is active.

**Postconditions:** The IdleView screen enters dimming mode to save battery.

Flow:

- IdleView app detects if 20 seconds have passed without user interaction.
- The app enters the dimming mode to reduce power consumption.

## **Select Info for Display**

**Actors:** User

**Preconditions:** User is logged in and accessing the IdleView app.

**Postconditions:** Selected information (e.g., weather, media, calendar) is displayed on the IdleView screen.

Flow:

- User opens the settings in the IdleView app.
- User selects information categories (e.g., weather, calendar, media) to display on IdleView.
- The system updates the display based on the selected information.