

# @design.estate/dees-catalog-mobile

Documentation for @design.estate/dees-catalog-mobile

- [readme.md for @design.estate/dees-catalog-mobile](#)
- [changelog.md for @design.estate/dees-catalog-mobile](#)

# readme.md for @design.estate/dees- catalog-mobile

A mobile-optimized web component catalog for building cross-platform business applications with touch-first UI components. Built on Lit and designed for PWAs, native app wrappers, and mobile web.

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## Install

```
npm install @design.estate/dees-catalog-mobile  
# or  
pnpm add @design.estate/dees-catalog-mobile
```

## ☐ Features

- **Touch-First Design** - 44px minimum touch targets, tap feedback, and gesture-friendly interactions
- **Dark/Light Theme Support** - Automatic theme adaptation using `cssManager.bdTheme()`
- **iOS Safe Area Support** - Proper handling of notches and home indicators
- **iOS Keyboard Detection** - Automatic layout adjustments when soft keyboard appears

- **Smooth Animations** - Native-feeling slide transitions for view navigation
- **TypeScript Native** - Full type definitions and excellent IDE support
- **Lucide Icons** - 1000+ icons with intelligent caching

# Components

## UI Components

`<dees-mobile-button>`

Versatile button with multiple variants and sizes.

```
<dees-mobile-button variant="primary" size="md">Click Me</dees-mobile-button>
<dees-mobile-button variant="destructive" loading>Processing...</dees-mobile-button>
<dees-mobile-button variant="ghost" icon><dees-mobile-icon icon="menu"></dees-mobile-
icon></dees-mobile-button>
```

Property	Type	Default	Description
<code>variant</code>	<code>'default'   'primary'   'secondary'   'outline'   'ghost'   'destructive'   'link'</code>	<code>'default'</code>	Button style variant
<code>size</code>	<code>'sm'   'md'   'lg'</code>	<code>'md'</code>	Button size
<code>disabled</code>	<code>boolean</code>	<code>false</code>	Disable the button
<code>loading</code>	<code>boolean</code>	<code>false</code>	Show loading spinner
<code>icon</code>	<code>boolean</code>	<code>false</code>	Icon-only mode (square button)
<code>type</code>	<code>'button'   'submit'   'reset'</code>	<code>'button'</code>	HTML button type

`<dees-mobile-icon>`

Lucide icon integration with smart caching.

```
<dees-mobile-icon icon="home" size="24" color="#3b82f6"></dees-mobile-icon>
<dees-mobile-icon icon="settings" size="32"></dees-mobile-icon>
```

Property	Type	Default	Description
----------	------	---------	-------------

icon	string	''	Lucide icon name (e.g., 'home', 'settings', 'user')
size	string   number	'24'	Icon size in pixels
color	string	'currentColor'	Icon color
strokeWidth	string   number	'2'	Stroke width

## <dees-mobile-header>

App header with flexible slot-based layout.

```
<dees-mobile-header title="My App" subtitle="Dashboard">
  <dees-mobile-button slot="left-action" icon variant="ghost">
    <dees-mobile-icon icon="menu"></dees-mobile-icon>
  </dees-mobile-button>
  <dees-mobile-button slot="actions" icon variant="ghost">
    <dees-mobile-icon icon="search"></dees-mobile-icon>
  </dees-mobile-button>
</dees-mobile-header>
```

Property	Type	Default	Description
title	string	''	Header title
subtitle	string	''	Optional subtitle

**Slots:** left-action, content, middle, actions

## <dees-mobile-modal>

Centered modal dialog with backdrop.

```
<dees-mobile-modal .open=${this.showModal} title="Confirm Action" @close=${() =>
this.showModal = false}>
  <p>Are you sure you want to proceed?</p>
  <div slot="footer">
    <dees-mobile-button variant="outline" @click=${() => this.showModal = false}>Cancel</dees-
mobile-button>
    <dees-mobile-button variant="primary" @click=${this.confirm}>Confirm</dees-mobile-button>
  </div>
</dees-mobile-modal>
```

Property	Type	Default	Description
open	boolean	false	Controls visibility
title	string	''	Modal title
showCloseButton	boolean	true	Show close button in header

**Events:** close

## <dees-mobile-actionsheet>

iOS-style bottom action sheet.

```
<dees-mobile-actionsheet
  title="Choose an action"
  .options=${[
    { id: 'edit', icon: 'pencil', title: 'Edit', subtitle: 'Modify this item' },
    { id: 'share', icon: 'share', title: 'Share' },
    { id: 'delete', icon: 'trash-2', iconColor: '#dc2626', title: 'Delete' }
  ]}
  @select=${(e) => console.log('Selected:', e.detail.id)}
  @close=${() => this.hideActionSheet()}
></dees-mobile-actionsheet>
```

Property	Type	Default	Description
title	string	''	Sheet title
options	IActionSheetOption[]	[]	Action options
cancelText	string	'Cancel'	Cancel button text

**Events:** select, close

## <dees-mobile-toast>

Toast notification system.

```
<dees-mobile-toast
  .open=${this.showToast}
  message="Item saved successfully!"
  type="success"
  duration="3000"
```

```
></dees-mobile-toast>
```

# Layout Components

## <dees-mobile-navigation>

Bottom tab navigation bar with badge support.

```
<dees-mobile-navigation
  .activeTab=${'home'}
  .tabs=${[
    { id: 'home', icon: 'home', label: 'Home' },
    { id: 'search', icon: 'search', label: 'Search' },
    { id: 'notifications', icon: 'bell', label: 'Alerts', badge: 5 },
    { id: 'profile', icon: 'user', label: 'Profile' }
  ]}
  @tab-change=${(e) => this.activeTab = e.detail.tab}
></dees-mobile-navigation>
```

Property	Type	Default	Description
activeTab	string	''	Currently active tab ID
tabs	INavigationTab[]	[]	Array of tab definitions

**Events:** tab-change

## <dees-mobile-applayout>

Full-screen app layout with iOS keyboard handling.

```
<dees-mobile-applayout>
  <dees-mobile-header slot="header" title="My App"></dees-mobile-header>

  <div slot="content">
    <!-- Your app content here -->
  </div>

  <dees-mobile-navigation slot="navigation" .tabs=${this.tabs}></dees-mobile-navigation>
</dees-mobile-applayout>
```

**Slots:** header, content, navigation

---

`<dees-mobile-viewstack>` + `<dees-mobile-view>`

Stack-based navigation with smooth slide transitions. Perfect for drill-down interfaces (lists → detail → sub-detail).

```
<dees-mobile-viewstack initial-view="lists" @view-changed=${this.handleViewChange}>
  <dees-mobile-view view-id="lists">
    <my-lists-view @item-click=${(e) => this.viewstack.pushView('detail')}></my-lists-view>
  </dees-mobile-view>

  <dees-mobile-view view-id="detail">
    <my-detail-view @back=${() => this.viewstack.popView()}></my-detail-view>
  </dees-mobile-view>

  <dees-mobile-view view-id="subdetail">
    <my-subdetail-view></my-subdetail-view>
  </dees-mobile-view>
</dees-mobile-viewstack>
```

### Viewstack API:

```
const viewstack = document.querySelector('dees-mobile-viewstack');

// Navigate forward (slides in from right)
await viewstack.pushView('detail');

// Navigate back (slides out to right)
await viewstack.popView();

// Replace current view (no animation)
viewstack.replaceView('other');

// Go back to root view
await viewstack.goToRoot(true); // animated
viewstack.goToRoot(false);     // instant

// Properties
viewstack.currentView; // Current view ID
```

```
viewstack.stackDepth;    // Number of views in stack
viewstack.canGoBack;     // true if stack depth > 1
```

**Events:** `view-changed`, `transition-start`, `transition-end`, `navigate-back`

# Input Components

## `<dees-mobile-input>`

Form input with label, validation, and iOS zoom prevention.

```
<dees-mobile-input
  label="Email Address"
  type="email"
  placeholder="you@example.com"
  required
  autocomplete="email"
  @input=${(e) => console.log(e.detail.value)}
></dees-mobile-input>

<dees-mobile-input
  label="Password"
  type="password"
  error="Password must be at least 8 characters"
></dees-mobile-input>
```

Property	Type	Default	Description
<code>type</code>	<code>'text'   'email'   'password'   'number'   'tel'   'url'   'search'</code>	<code>'text'</code>	Input type
<code>label</code>	<code>string</code>	<code>''</code>	Label text
<code>placeholder</code>	<code>string</code>	<code>''</code>	Placeholder text
<code>value</code>	<code>string</code>	<code>''</code>	Input value
<code>disabled</code>	<code>boolean</code>	<code>false</code>	Disable input
<code>required</code>	<code>boolean</code>	<code>false</code>	Mark as required
<code>error</code>	<code>string</code>	<code>''</code>	Error message
<code>autocomplete</code>	<code>string</code>	<code>''</code>	Autocomplete hint

**Events:** `input`, `change`, `input-focus`, `input-blur`

---

## ☐ Theming

Components automatically adapt to dark/light themes. Theme switching is handled via CSS variables and `cssManager.bdTheme()`:

```
// In your component styles
css`
  .my-element {
    background: ${cssManager.bdTheme('#ffffff', '#09090b')};
    color: ${cssManager.bdTheme('#09090b', '#fafafa')};
    border: 1px solid ${cssManager.bdTheme('#e4e4e7', '#27272a')};
  }
`
```

## CSS Variables

Components use these CSS custom properties:

```
:root {
  --dees-primary: #3b82f6;
  --dees-background: #ffffff;
  --dees-foreground: #09090b;
  --dees-muted-foreground: #71717a;
  --dees-border: #e4e4e7;
  --dees-ring: #3b82f6;
  --dees-danger: #dc2626;
  --dees-radius: 0.5rem;
  --dees-radius-lg: 0.75rem;
  --dees-transition-fast: 150ms;
  --safe-area-inset-bottom: env(safe-area-inset-bottom, 0px);
}
```

---

# Full Example

```
import {
  DeesMobileButton,
  DeesMobileHeader,
  DeesMobileNavigation,
  DeesMobileViewstack,
  DeesMobileView,
  DeesMobileInput,
} from '@design.estate/dees-catalog-mobile';

// All components auto-register. Just use them in your templates:
const template = html`
  <dees-mobile-applayout>
    <dees-mobile-header slot="header" title="My App"></dees-mobile-header>

    <dees-mobile-viewstack slot="content" initial-view="home">
      <dees-mobile-view view-id="home">
        <div class="home-content">
          <h1>Welcome!</h1>
          <dees-mobile-button variant="primary" @click=${() =>
viewstack.pushView('settings')}>
            Go to Settings
          </dees-mobile-button>
        </div>
      </dees-mobile-view>

      <dees-mobile-view view-id="settings">
        <div class="settings-content">
          <dees-mobile-input label="Username" placeholder="Enter username"></dees-mobile-
input>
          <dees-mobile-button @click=${() => viewstack.popView()}>Back</dees-mobile-button>
        </div>
      </dees-mobile-view>
    </dees-mobile-viewstack>

    <dees-mobile-navigation
      slot="navigation"
```

```
.activeTab=${'home'}
.tabs=${[
  { id: 'home', icon: 'home', label: 'Home' },
  { id: 'settings', icon: 'settings', label: 'Settings' },
]}
</dees-mobile-navigation>
</dees-mobile-applayout>
`;
```

---

## Development

```
# Install dependencies
pnpm install

# Start development server with wcctools
pnpm run watch

# Build for production
pnpm run build

# Run tests
pnpm test
```

---

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# changelog.md for @design.estate/dees- catalog-mobile

## 2025-12-22 - 1.3.0 - feat(dees- mobile-gallery)

add mobile gallery component with fullscreen viewer, swipe navigation, action buttons (download/share/delete), PDF support and demo

- Adds new web component (ts\_web/elements/00group-ui/dees-mobile-gallery) with ~650 lines of implementation.
- Component features: fullscreen viewing, touch swipe and keyboard navigation, thumbnails, startIndex, minimal mode, and PDF placeholder support.
- Action buttons and events: download, share, delete (configurable); emits 'close', 'delete', 'download', and 'share' events.
- Provides a static DeesMobileGallery.show(items, config) factory method that returns a Promise with the user action result.
- Includes demo (dees-mobile-gallery.demo.ts) with usage examples and exports the component from the 00group-ui index.
- Bumps package version from 1.1.0 to 1.2.0 in package.json.

## 2025-12-22 - 1.1.0 - feat(ui)

add mobile context menu and iconbutton components with demos and exports

- Added dees-mobile-contextmenu component (items API, viewport-aware positioning, touch handling, open/close animation) and a demo
- Added dees-mobile-iconbutton component (sm/md/lg sizes, disabled state, accessibility attributes) and a demo
- Added barrel index files for both components

- Exported the new components from `ts_web/elements/00group-ui/index.ts`

## 2025-12-22 - 1.0.2 - fix(dees-mobile-header)

adjust mobile header action slot layout and add documentation/license files

- `ts_web/elements/00group-ui/dees-mobile-header/dees-mobile-header.ts`: change `::slotted([slot="actions"])` from fixed width/height to min-width/min-height, switch display from block to flex and add `align-items:center` to improve vertical alignment
- Add MIT license file at `/license`
- Add extensive `readme.md` (documentation, install instructions, component usage, development and legal info)

## 2025-12-22 - 1.0.1 - fix()

no changes detected; no release required

- Git diff contained no changes
- No files modified — skip version bump and release

## 2025-12-22 - 1.0.0 - initial release

Initial commit.

- Repository initialized (initial commit)