



Giao diện người dùng trong Ionic

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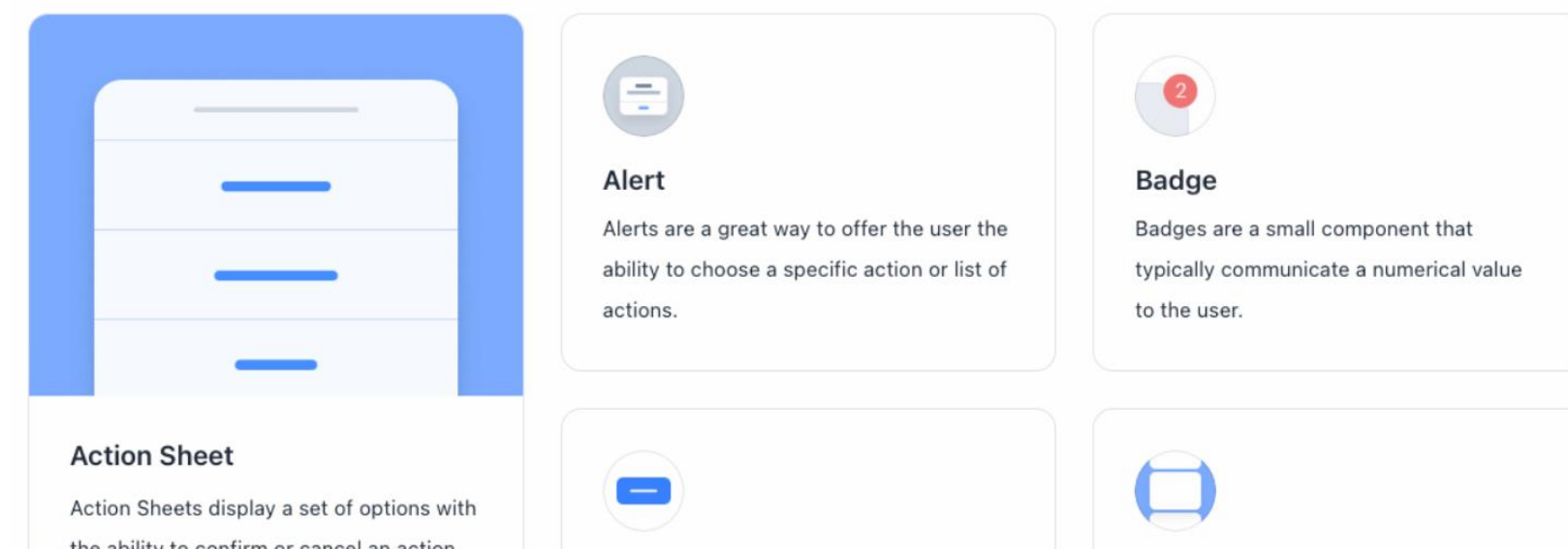
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1. Mục tiêu

UI Components

Ionic apps are made of high-level building blocks called Components, which allow you to quickly construct the UI for your app. Ionic comes stock with a number of components, including cards, lists, and tabs. Once you're familiar with the basics, refer to the [API Index](#) for a complete list of each component and sub-component.



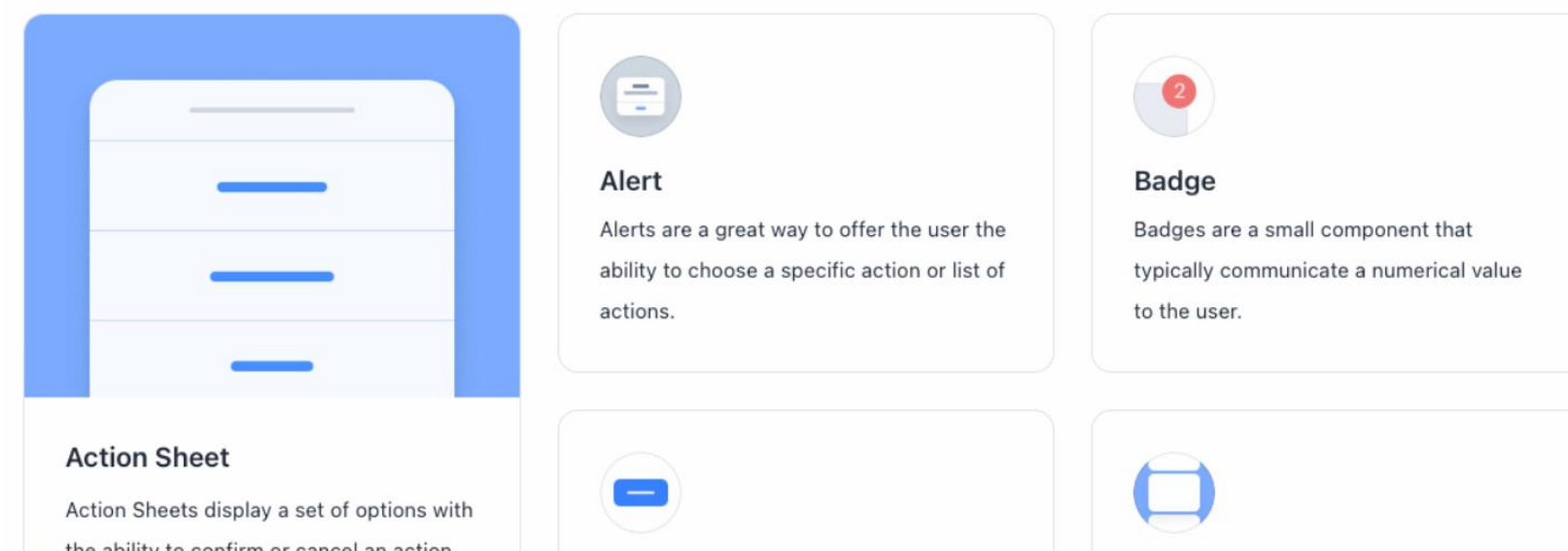
Hiểu vai trò, cách sử dụng Ionic UI Components trong phát triển giao diện ứng dụng



1. Mục tiêu

UI Components

Ionic apps are made of high-level building blocks called Components, which allow you to quickly construct the UI for your app. Ionic comes stock with a number of components, including cards, lists, and tabs. Once you're familiar with the basics, refer to the [API Index](#) for a complete list of each component and sub-component.



- UI Components là các thành phần giao diện người dùng (UI) được thiết kế sẵn, tối ưu cho ứng dụng di động.
- Bao gồm Buttons, Cards, Lists, Inputs, Menus, Tabs, v.v.
- Đảm bảo giao diện đồng nhất trên iOS, Android và web.

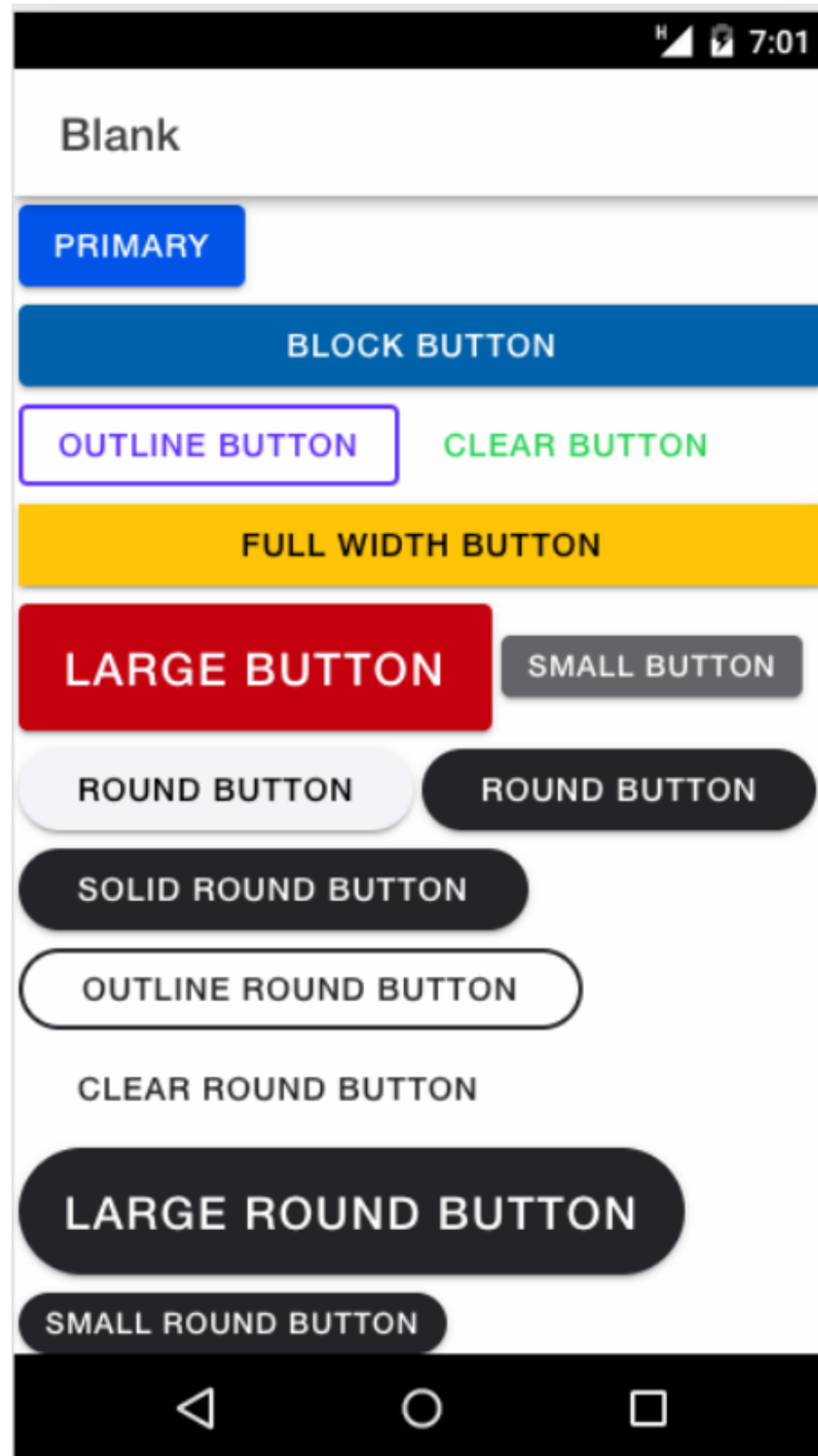


Sử dụng UI Components

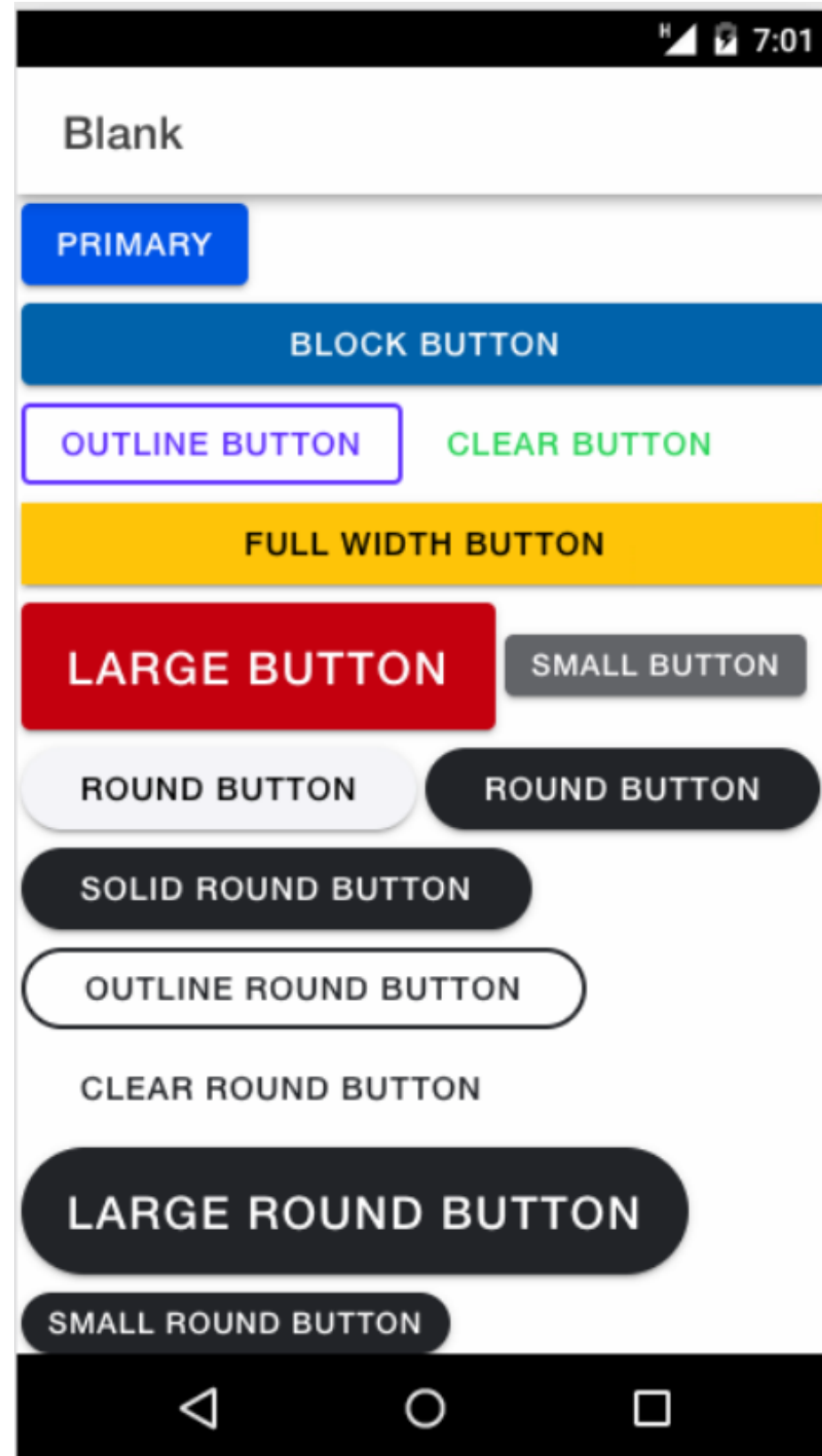


1. Button

- `ion-button` : Thành phần nút bấm linh hoạt.
- Thuộc tính:
 - `color` : primary, secondary, danger.
 - `expand` : block, full.
 - `shape` : round.



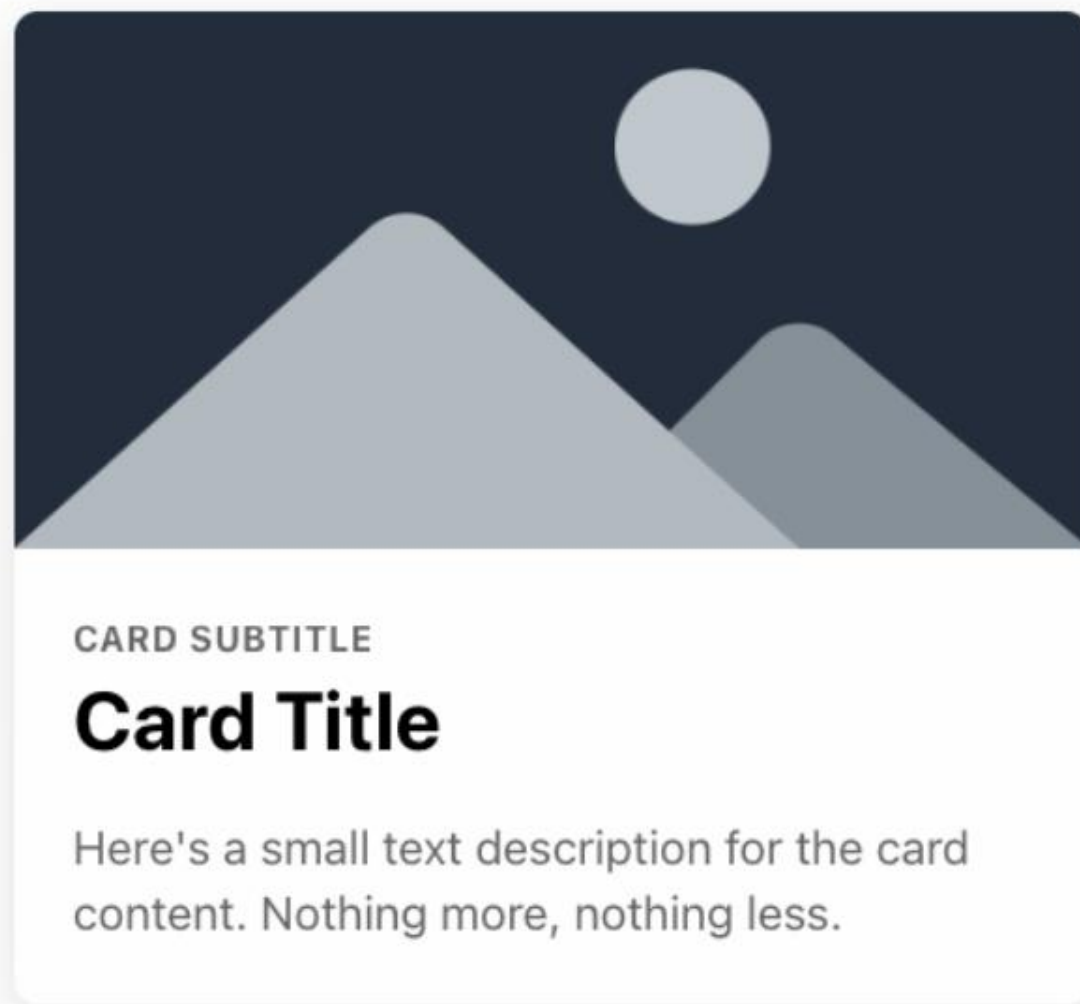
1. Button



```
<ion-button color="primary">  
Primary  
</ion-button>
```

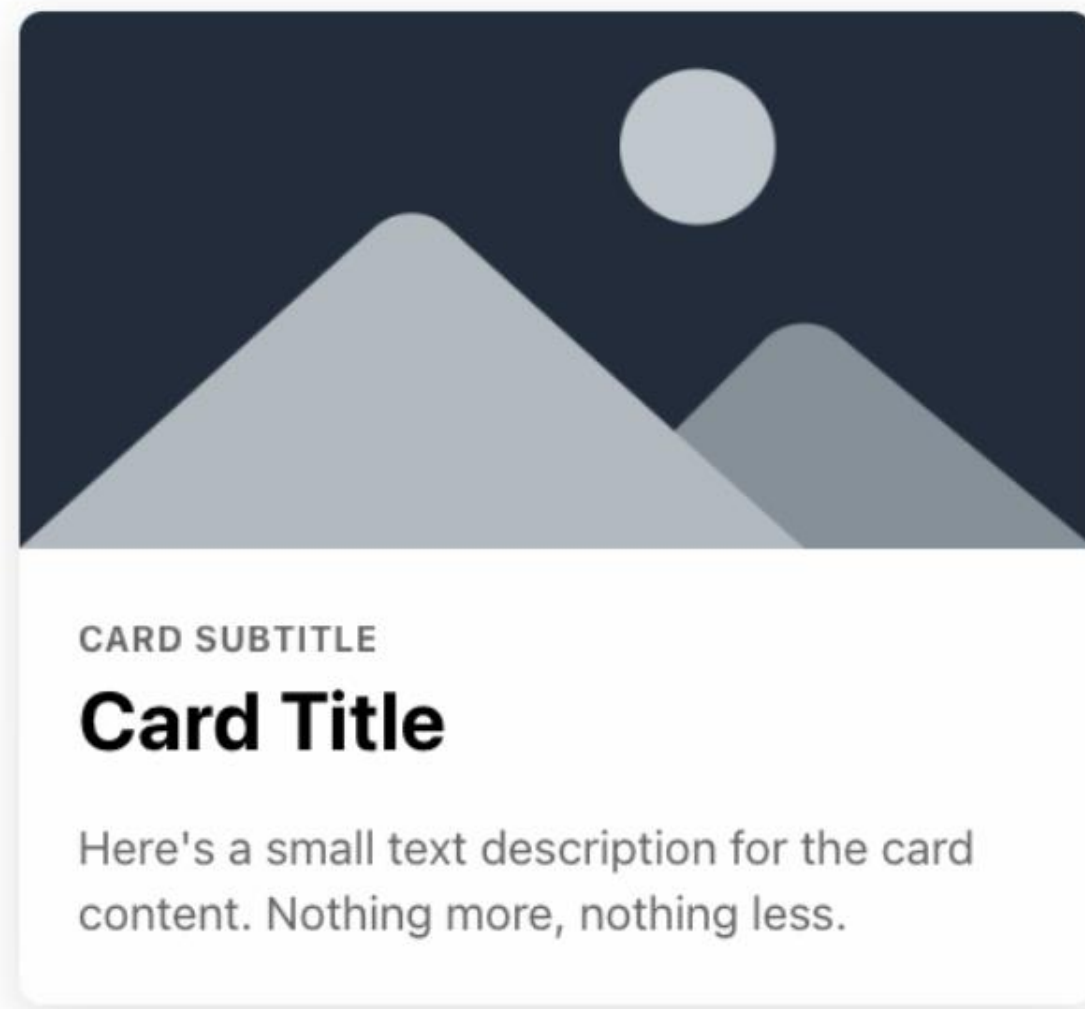
```
<ion-button expand="block"  
color="secondary">  
Block Button  
</ion-button>
```


2. Card



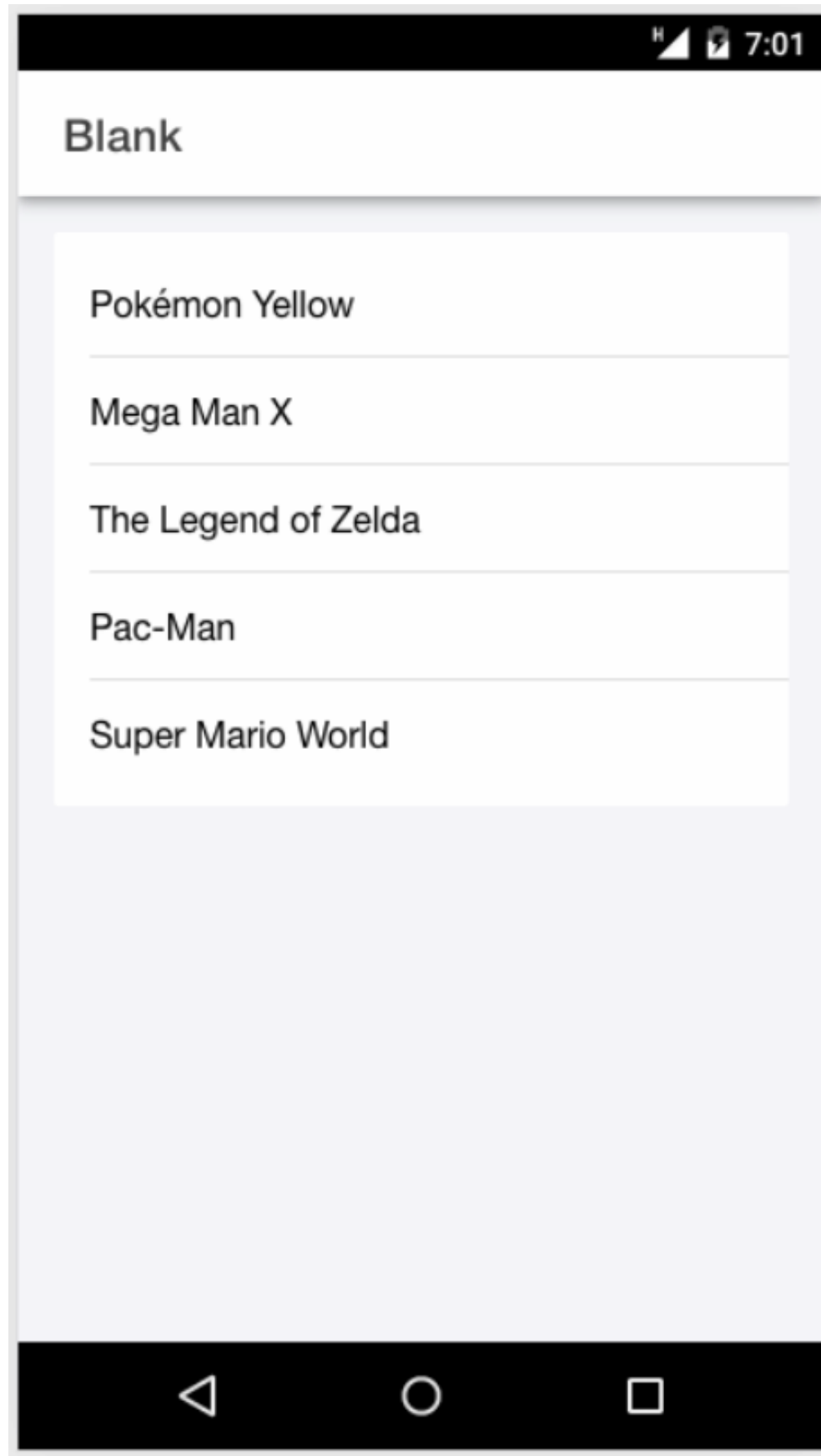
- **ion-card**: Thẻ chứa nội dung có cấu trúc rõ ràng.
- Cấu trúc: header, content, footer.

2. Card



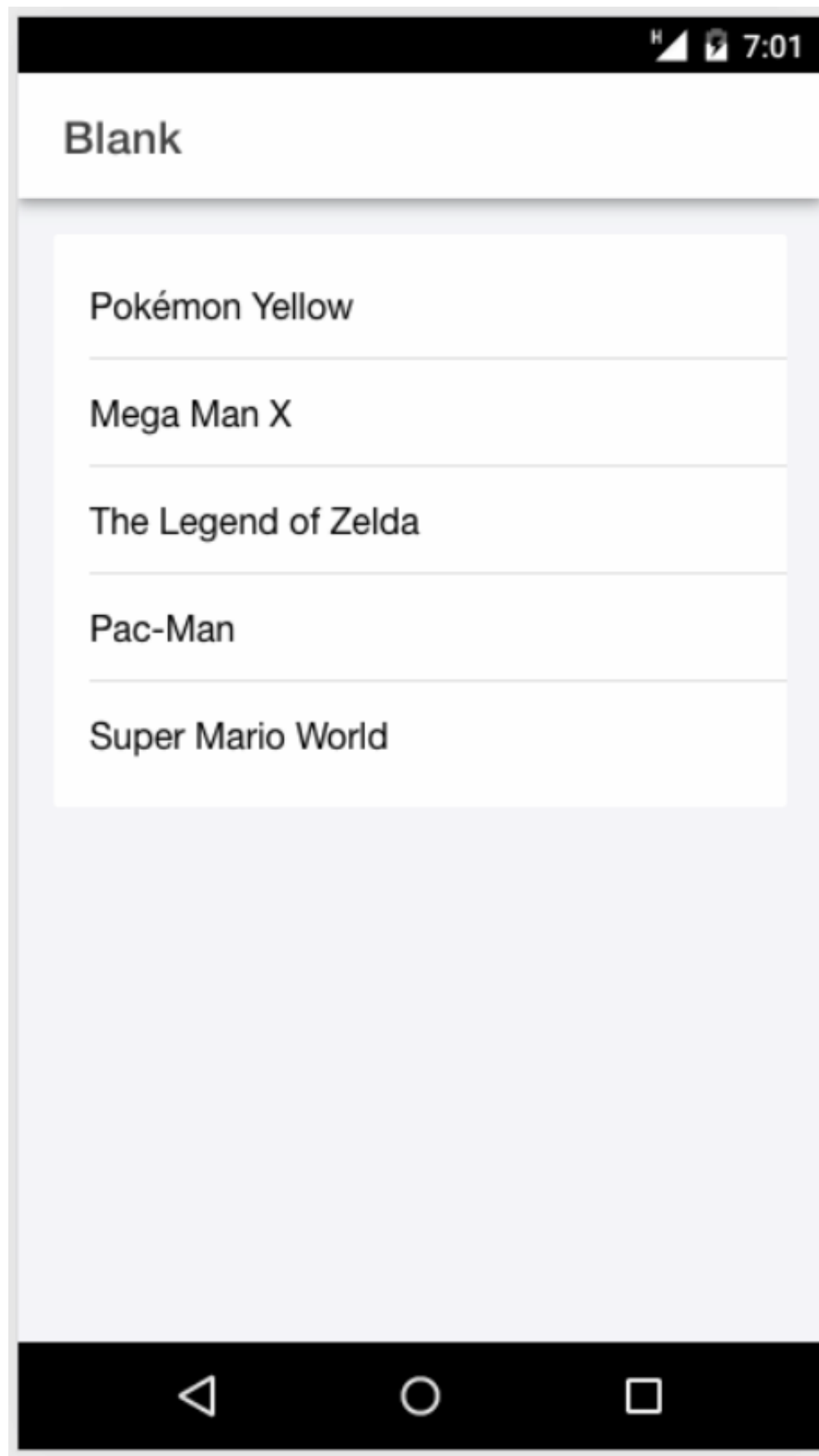
```
<ion-card>
  <ion-card-header>
    <ion-card-title>Card Title</ion-card-title>
    <ion-card-subtitle>Card Subtitle</ion-card-
subtitle>
  </ion-card-header>

  <ion-card-content>
    Here's a small text description for the card
content. Nothing more, nothing less.
  </ion-card-content>
</ion-card>
```

3. List

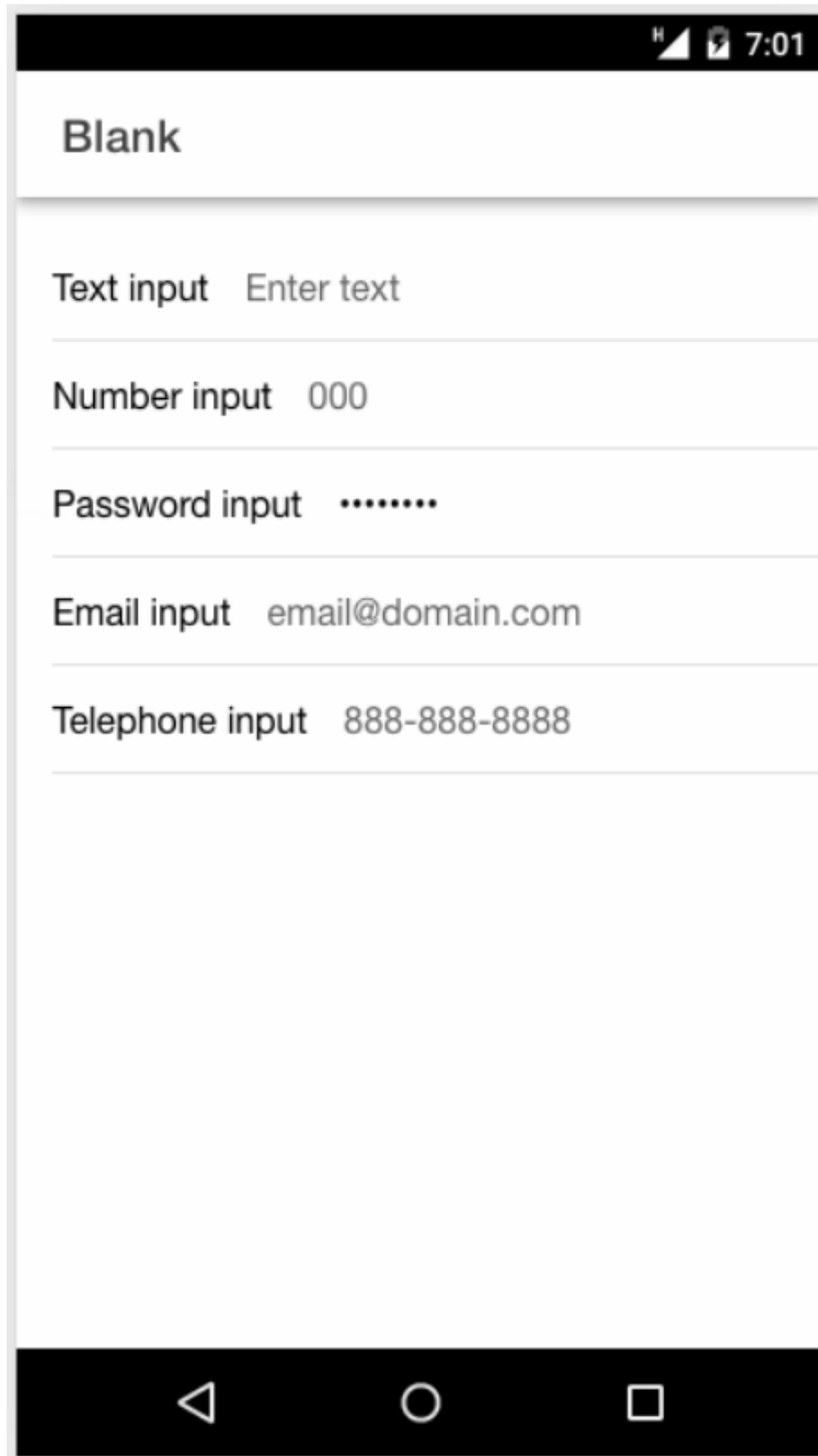
- `ion-list` : Danh sách các mục.
- `ion-item` : Mỗi mục trong danh sách.
- Thuộc tính: `lines` (full, inset).



3. List

```
<ion-content color="light">
  <ion-list [inset]="true">
    <ion-item>
      <ion-label>Pokémon Yellow</ion-label>
    </ion-item>
    <ion-item>
      <ion-label>Mega Man X</ion-label>
    </ion-item>
    <ion-item>
      <ion-label>The Legend of Zelda</ion-label>
    </ion-item>
    <ion-item>
      <ion-label>Pac-Man</ion-label>
    </ion-item>
    <ion-item>
      <ion-label>Super Mario World</ion-label>
    </ion-item>
  </ion-list>
</ion-content>
```

<https://ionicframework.com/docs/api/list>



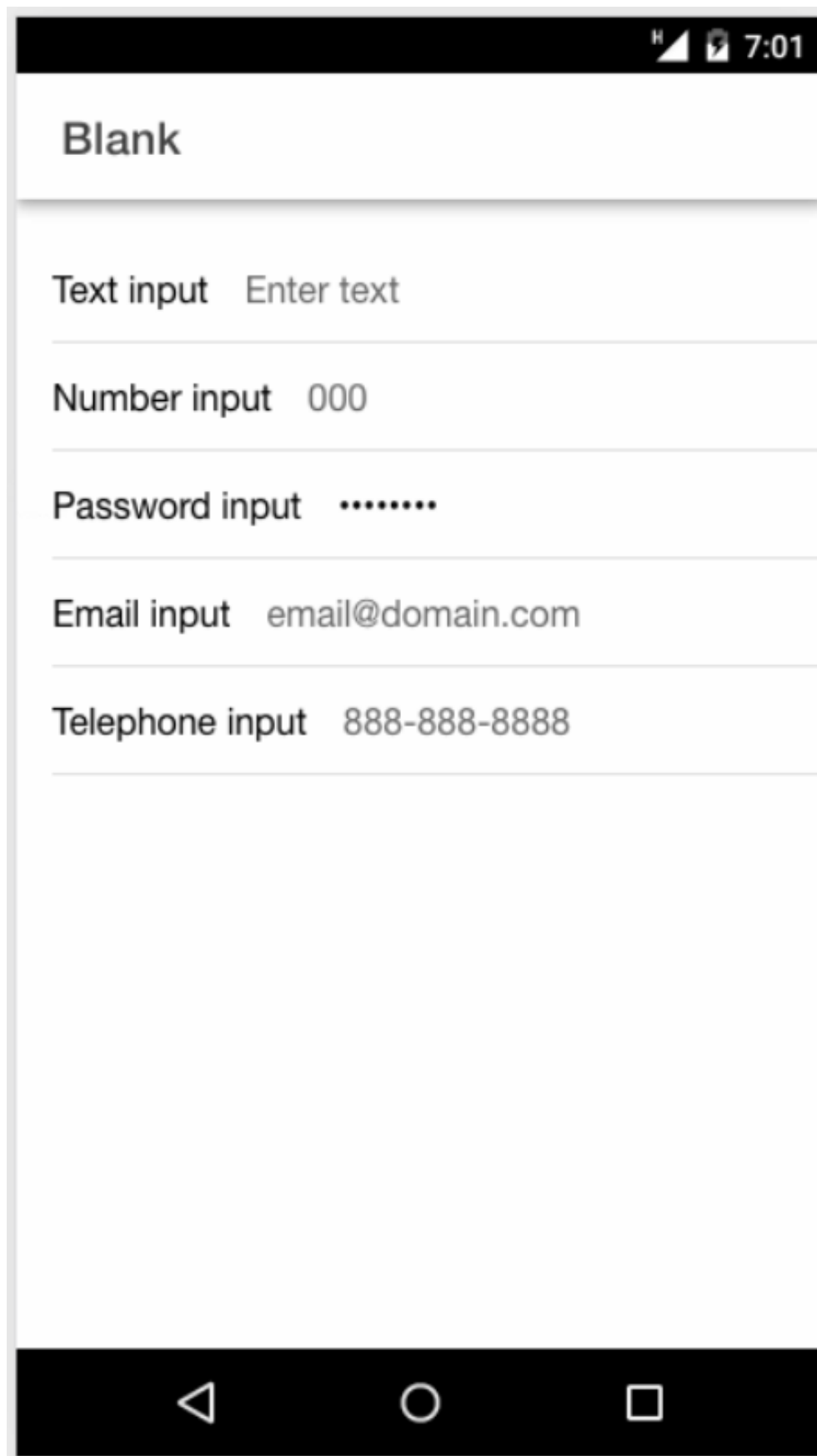
A screenshot of an Ionic application interface. At the top, a black status bar shows signal strength, battery, and the time 7:01. Below it, a white header bar contains the word "Blank". The main content area is white and contains five input fields, each with a label and a value:

- Text input**: Enter text
- Number input**: 000
- Password input**: (masked)
- Email input**: email@domain.com
- Telephone input**: 888-888-8888

At the bottom, a black Android navigation bar contains three white icons: a back arrow, a circle, and a square.

4. Inputs

- `ion-input` : Ô nhập liệu.
- Loại: text, password, number, email.
- Thuộc tính: `placeholder` , `clearInput` .



A mobile application interface titled "Blank" with a status bar at the top showing signal, battery, and time (7:01). The interface contains five input fields, each with a label and a value:

- Text input: Enter text
- Number input: 000
- Password input:
- Email input: email@domain.com
- Telephone input: 888-888-8888

The bottom of the screen features a standard Android navigation bar with back, home, and recent apps icons.

4. Inputs

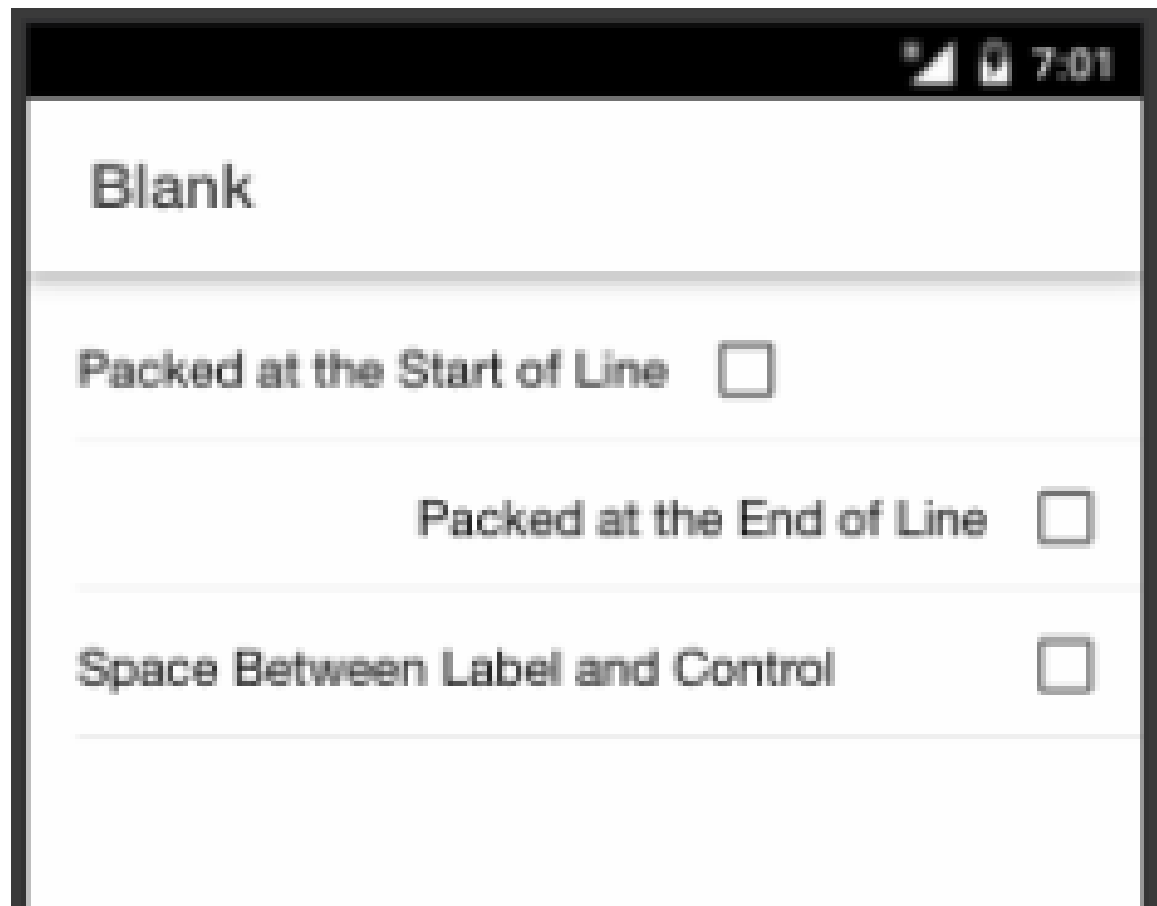
```
<ion-list>
  <ion-list>
    <ion-item>
      <ion-input label="Text input" placeholder="Enter
text"></ion-input>
    </ion-item>

    <ion-item>
      <ion-input label="Number input" type="number"
placeholder="000"></ion-input>
    </ion-item>

    <ion-item>
      <ion-input label="Password input" type="password"
value="password"></ion-input>
    </ion-item>
  </ion-list>
</ion-list>
```

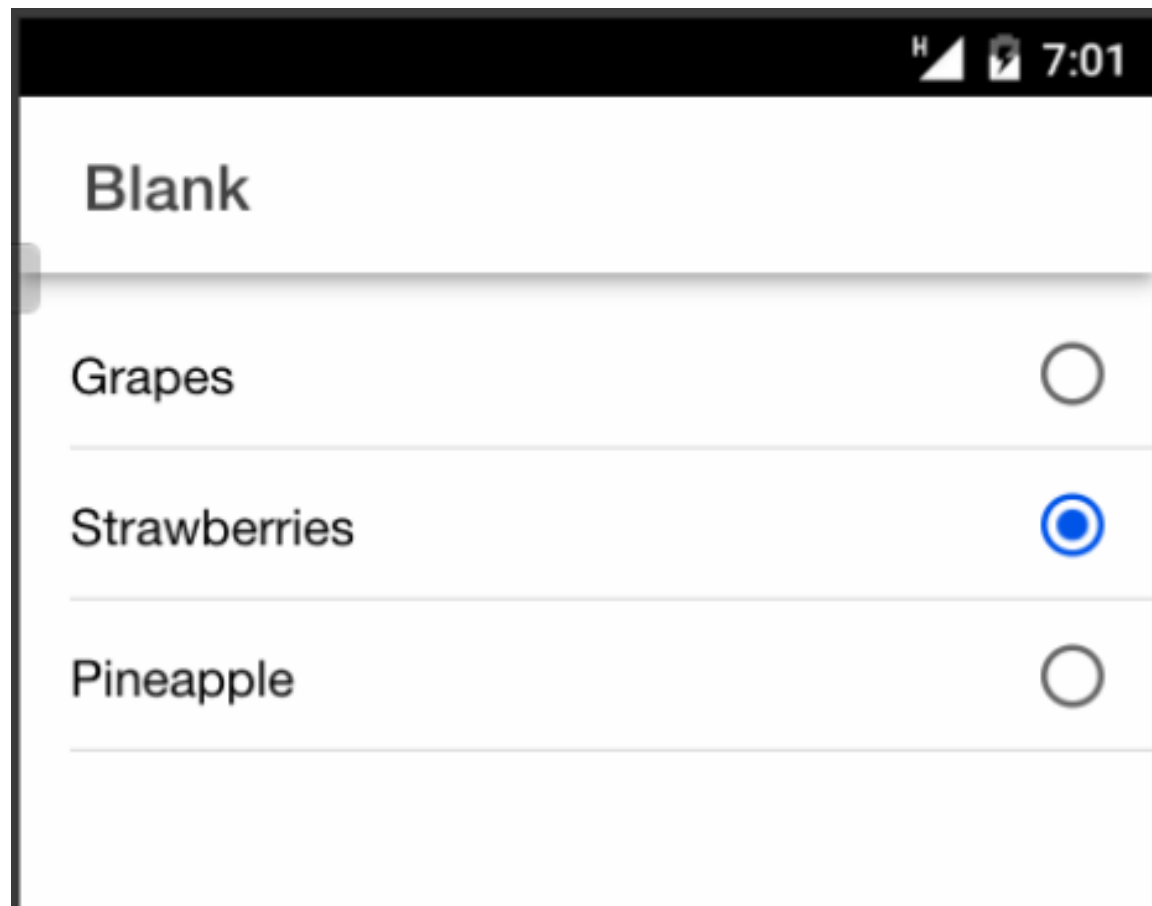
<https://ionicframework.com/docs/api/input>

5. Checkboxes và Radio Buttons



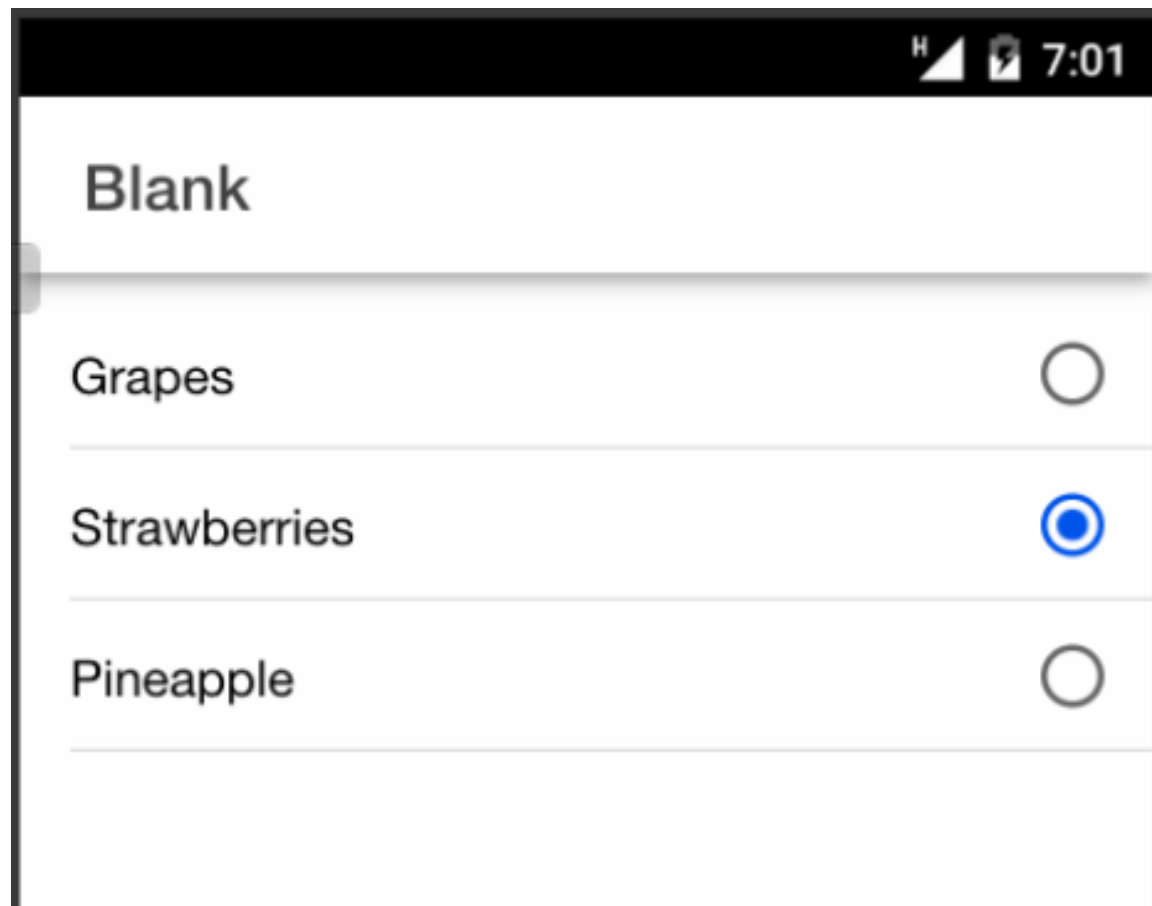
```
<ion-list>
<ion-item>
  <ion-checkbox justify="start">Packed at the Start of Line</ion-
checkbox>
</ion-item>
<ion-item>
  <ion-checkbox justify="end">Packed at the End of Line</ion-
checkbox>
</ion-item>
<ion-item>
  <ion-checkbox justify="space-between">Space Between Label
and Control</ion-checkbox>
</ion-item>
</ion-list>
```

5. Checkboxes và Radio Buttons



```
<ion-list>
  <ion-radio-group value="strawberries">
    <ion-item>
      <ion-radio value="grapes">Grapes</ion-radio>
    </ion-item>
    <ion-item>
      <ion-radio value="strawberries">Strawberries</ion-radio>
    </ion-item>
    <ion-item>
      <ion-radio value="pineapple">Pineapple</ion-radio>
    </ion-item>
  </ion-radio-group>
</ion-list>
```

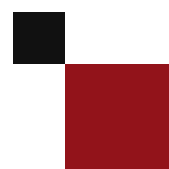

6. Checkboxes và Radio Buttons



```
<ion-list>
  <ion-radio-group value="strawberries">
    <ion-item>
      <ion-radio value="grapes">Grapes</ion-radio>
    </ion-item>
    <ion-item>
      <ion-radio value="strawberries">Strawberries</ion-radio>
    </ion-item>
    <ion-item>
      <ion-radio value="pineapple">Pineapple</ion-radio>
    </ion-item>
  </ion-radio-group>
</ion-list>
```



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THANK YOU

