

```
'use client';
```

```
import * as React from 'react';
```

```
import * as DropdownMenuPrimitive from '@radix-ui/react-dropdown-menu';
```

```
import { Check, ChevronRight, Circle } from 'lucide-react';
```

```
import { cn } from '@lib/utils';
```

```
// Root component for the Dropdown Menu
```

```
const DropdownMenu = DropdownMenuPrimitive.Root;
```

```
// Trigger component for opening the Dropdown Menu
```

```
const DropdownMenuTrigger = DropdownMenuPrimitive.Trigger;
```

```
// Group component for grouping items within the Dropdown Menu
```

```
const DropdownMenuGroup = DropdownMenuPrimitive.Group;
```

```
// Portal component for rendering Dropdown Menu content
```

```
const DropdownMenuPortal = DropdownMenuPrimitive.Portal;
```

```
// Submenu component within the Dropdown Menu
```

```
const DropdownMenuSub = DropdownMenuPrimitive.Sub;
```

```
// Radio Group component for grouping radio items within the Dropdown Menu
```

```
const DropdownMenuRadioGroup = DropdownMenuPrimitive.RadioGroup;
```

```

interface DropdownMenuSubTriggerProps

  extends React.ComponentPropsWithoutRef<
    typeof DropdownMenuPrimitive.SubTrigger
  > {

    className?: string;

    inset?: boolean;

  }

/**
 * DropdownMenuSubTrigger component that renders a trigger for a submenu.
 * It includes an optional ChevronRight icon to indicate the submenu.
 */

const DropdownMenuSubTrigger = React.forwardRef<
  React.ElementRef<typeof DropdownMenuPrimitive.SubTrigger>,
  DropdownMenuSubTriggerProps
>(({ className, inset, children, ...props }, ref) => (
  <DropdownMenuPrimitive.SubTrigger
    ref={ref}
    className={cn(
      'flex cursor-default select-none items-center rounded-sm px-2 py-1.5 text-sm outline-none
focus:bg-accent data-[state=open]:bg-accent',
      inset && 'pl-8',
      className,
    )}
    {...props}
  >

```

```

    {children}

    <ChevronRight className="ml-auto h-4 w-4" />

  </DropdownMenuPrimitive.SubTrigger>

));

DropdownMenuSubTrigger.displayName =

  DropdownMenuPrimitive.SubTrigger.displayName;

interface DropdownMenuSubContentProps

  extends React.ComponentPropsWithoutRef<

    typeof DropdownMenuPrimitive.SubContent

  > {

    className?: string;

  }

/**
 * DropdownMenuSubContent component that renders the content of a submenu.
 */

const DropdownMenuSubContent = React.forwardRef<

  React.ElementRef<typeof DropdownMenuPrimitive.SubContent>,

  DropdownMenuSubContentProps

>(({ className, ...props }, ref) => (

  <DropdownMenuPrimitive.SubContent

    ref={ref}

    className={cn(

      'z-50 min-w-[8rem] overflow-hidden rounded-md border bg-popover p-1 text-popover-foreground

      shadow-lg          data-[state=open]:animate-in          data-[state=closed]:animate-out

```

```

data-[state=closed]:fade-out-0      data-[state=open]:fade-in-0      data-[state=closed]:zoom-out-95
data-[state=open]:zoom-in-95          data-[side=bottom]:slide-in-from-top-2
data-[side=left]:slide-in-from-right-2      data-[side=right]:slide-in-from-left-2
data-[side=top]:slide-in-from-bottom-2',

```

```

    className,

  })

  {...props}
/>

));

DropdownMenuSubContent.displayName =
  DropdownMenuPrimitive.SubContent.displayName;

```

```

interface DropdownMenuContentProps
  extends React.ComponentPropsWithoutRef<typeof DropdownMenuPrimitive.Content> {
  className?: string;
  sideOffset?: number;
}

```

```

/**
 * DropdownMenuContent component that renders the main content of the Dropdown Menu.
 */

```

```

const DropdownMenuContent = React.forwardRef<
  React.ElementRef<typeof DropdownMenuPrimitive.Content>,
  DropdownMenuContentProps
>(({ className, sideOffset = 4, ...props }, ref) => (
  <DropdownMenuPrimitive.Portal>

```

```

<DropdownMenuPrimitive.Content
  ref={ref}
  sideOffset={sideOffset}
  className={cn(
    'z-50 min-w-[8rem] overflow-hidden rounded-md border bg-popover p-1
text-popover-foreground shadow-md data-[state=open]:animate-in data-[state=closed]:animate-out
data-[state=closed]:fade-out-0 data-[state=open]:fade-in-0 data-[state=closed]:zoom-out-95
data-[state=open]:zoom-in-95 data-[side=bottom]:slide-in-from-top-2
data-[side=left]:slide-in-from-right-2 data-[side=right]:slide-in-from-left-2
data-[side=top]:slide-in-from-bottom-2',
    className,
  )}
  {...props}
/>

</DropdownMenuPrimitive.Portal>

));

```

```

DropdownMenuContent.displayName = DropdownMenuPrimitive.Content.displayName;

```

```

interface DropdownMenuItemProps

```

```

  extends React.ComponentPropsWithoutRef<typeof DropdownMenuPrimitive.Item> {
    className?: string;
    inset?: boolean;
  }

```

```

/**

```

```

 * DropdownMenuItem component that renders an individual item in the Dropdown Menu.

```

```

*/

const DropdownMenuItem = React.forwardRef<
  React.ElementRef<typeof DropdownMenuPrimitive.Item>,
  DropdownMenuItemProps
>(({ className, inset, ...props }, ref) => (
  <DropdownMenuPrimitive.Item
    ref={ref}
    className={cn(
      'relative flex cursor-default select-none items-center rounded-sm px-2 py-1.5 text-sm
outline-none transition-colors focus:bg-accent focus:text-accent-foreground
data-[disabled]:pointer-events-none data-[disabled]:opacity-50',
      inset && 'pl-8',
      className,
    )}
    {...props}
  />
));

DropdownMenuItem.displayName = DropdownMenuPrimitive.Item.displayName;

```

```

interface DropdownMenuCheckboxItemProps
  extends React.ComponentPropsWithoutRef<
    typeof DropdownMenuPrimitive.CheckboxItem
  > {
  className?: string;
  checked?: boolean;
}

```

```

/**
 * DropdownMenuCheckboxItem component that renders a checkbox item in the Dropdown Menu.
 */

const DropdownMenuCheckboxItem = React.forwardRef<
  React.ElementRef<typeof DropdownMenuPrimitive.CheckboxItem>,
  DropdownMenuCheckboxItemProps
>(({ className, children, checked, ...props }, ref) => (
  <DropdownMenuPrimitive.CheckboxItem
    ref={ref}
    className={cn(
      'relative flex cursor-default select-none items-center rounded-sm py-1.5 pl-8 pr-2 text-sm
outline-none transition-colors focus:bg-accent focus:text-accent-foreground
data-[disabled]:pointer-events-none data-[disabled]:opacity-50',
      className,
    )}
    checked={checked}
    {...props}
  >
    <span className="absolute left-2 flex h-3.5 w-3.5 items-center justify-center">
      <DropdownMenuPrimitive.ItemIndicator>
        <Check className="h-4 w-4" />
      </DropdownMenuPrimitive.ItemIndicator>
    </span>
    {children}
  </DropdownMenuPrimitive.CheckboxItem>

```

```
));
```

```
DropdownMenuCheckboxItem.displayName =
```

```
  DropdownMenuPrimitive.CheckboxItem.displayName;
```

```
interface DropdownMenuRadioItemProps
```

```
  extends React.ComponentPropsWithoutRef<
```

```
    typeof DropdownMenuPrimitive.RadioItem
```

```
  > {
```

```
    className?: string;
```

```
  }
```

```
/**
```

```
 * DropdownMenuRadioItem component that renders a radio button item in the Dropdown Menu.
```

```
 */
```

```
const DropdownMenuRadioItem = React.forwardRef<
```

```
  React.ElementRef<typeof DropdownMenuPrimitive.RadioItem>,
```

```
  DropdownMenuRadioItemProps
```

```
>(({ className, children, ...props }, ref) => (
```

```
  <DropdownMenuPrimitive.RadioItem
```

```
    ref={ref}
```

```
    className={cn(
```

```
      'relative flex cursor-default select-none items-center rounded-sm py-1.5 pl-8 pr-2 text-sm
```

```
outline-none
```

```
transition-colors
```

```
focus:bg-accent
```

```
focus:text-accent-foreground
```

```
data-[disabled]:pointer-events-none data-[disabled]:opacity-50',
```

```
    className,
```

```
  )}
```



```

    {...props}

    >

    <span className="absolute left-2 flex h-3.5 w-3.5 items-center justify-center">

      <DropdownMenuPrimitive.ItemIndicator>

        <Circle className="h-2 w-2 fill-current" />

      </DropdownMenuPrimitive.ItemIndicator>

    </span>

    {children}

  </DropdownMenuPrimitive.RadioItem>

));

```

```

DropdownMenuRadioItem.displayName = DropdownMenuPrimitive.RadioItem.displayName;

```

```

interface DropdownMenuLabelProps

```

```

  extends React.ComponentPropsWithoutRef<typeof DropdownMenuPrimitive.Label> {

    className?: string;

    inset?: boolean;

  }

```

```

/**

 * DropdownMenuLabel component that renders a label within the Dropdown Menu.

 */

```

```

const DropdownMenuLabel = React.forwardRef<

  React.ElementRef<typeof DropdownMenuPrimitive.Label>,

  DropdownMenuLabelProps

>(({ className, inset, ...props }, ref) => (

  <DropdownMenuPrimitive.Label

```

```

    ref={ref}

    className={cn(
      'px-2 py-1.5 text-sm font-semibold',
      inset && 'pl-8',
      className,
    )}

    {...props}
  />

));

DropdownMenuLabel.displayName = DropdownMenuPrimitive.Label.displayName;

```

```

interface DropdownMenuSeparatorProps
  extends React.ComponentPropsWithoutRef<
    typeof DropdownMenuPrimitive.Separator
  > {
  className?: string;
}

```

```

/**
 * DropdownMenuSeparator component that renders a separator (horizontal line) within the
Dropdown Menu.
 */

```

```

const DropdownMenuSeparator = React.forwardRef<
  React.ElementRef<typeof DropdownMenuPrimitive.Separator>,
  DropdownMenuSeparatorProps
>(({ className, ...props }, ref) => (

```

```

<DropdownMenuPrimitive.Separator
  ref={ref}
  className={cn('-mx-1 my-1 h-px bg-muted', className)}
  {...props}
/>
));

DropdownMenuSeparator.displayName = DropdownMenuPrimitive.Separator.displayName;

```

```

interface DropdownMenuShortcutProps

```

```

  extends React.HTMLAttributes<HTMLSpanElement> {
    className?: string;
  }

```

```

/**

```

```

 * DropdownMenuShortcut component that renders a shortcut (typically for keyboard shortcuts)
 * within the Dropdown Menu.

```

```

 */

const DropdownMenuShortcut: React.FC<DropdownMenuShortcutProps> = ({
  className,
  ...props
}) => {
  return (
    <span
      className={cn('ml-auto text-xs tracking-widest opacity-60', className)}
      {...props}
    />

```

```
);
```

```
};
```

```
DropdownMenuShortcut.displayName = 'DropdownMenuShortcut';
```

```
export {
```

```
  DropdownMenu,
```

```
  DropdownMenuTrigger,
```

```
  DropdownMenuContent,
```

```
  DropdownMenuItem,
```

```
  DropdownMenuCheckboxItem,
```

```
  DropdownMenuRadioItem,
```

```
  DropdownMenuLabel,
```

```
  DropdownMenuSeparator,
```

```
  DropdownMenuShortcut,
```

```
  DropdownMenuGroup,
```

```
  DropdownMenuPortal,
```

```
  DropdownMenuSub,
```

```
  DropdownMenuSubContent,
```

```
  DropdownMenuSubTrigger,
```

```
  DropdownMenuRadioGroup,
```

```
};
```