

Styling & CSS with React

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Outline

- CSS
- Theme with PrimeReact
- CSS with PrimeFlex

CSS

CSS Specificity

CSS selectors priority

- ID selectors
 - `#idName`
- Class selectors, Attribute selectors, Pseudo-classes
 - `.className, [type="radio"], :hover`
- Type selectors, Pseudo-elements
 - `H1, ::before`

Theme with PrimeReact

primeicons/primeicons.css

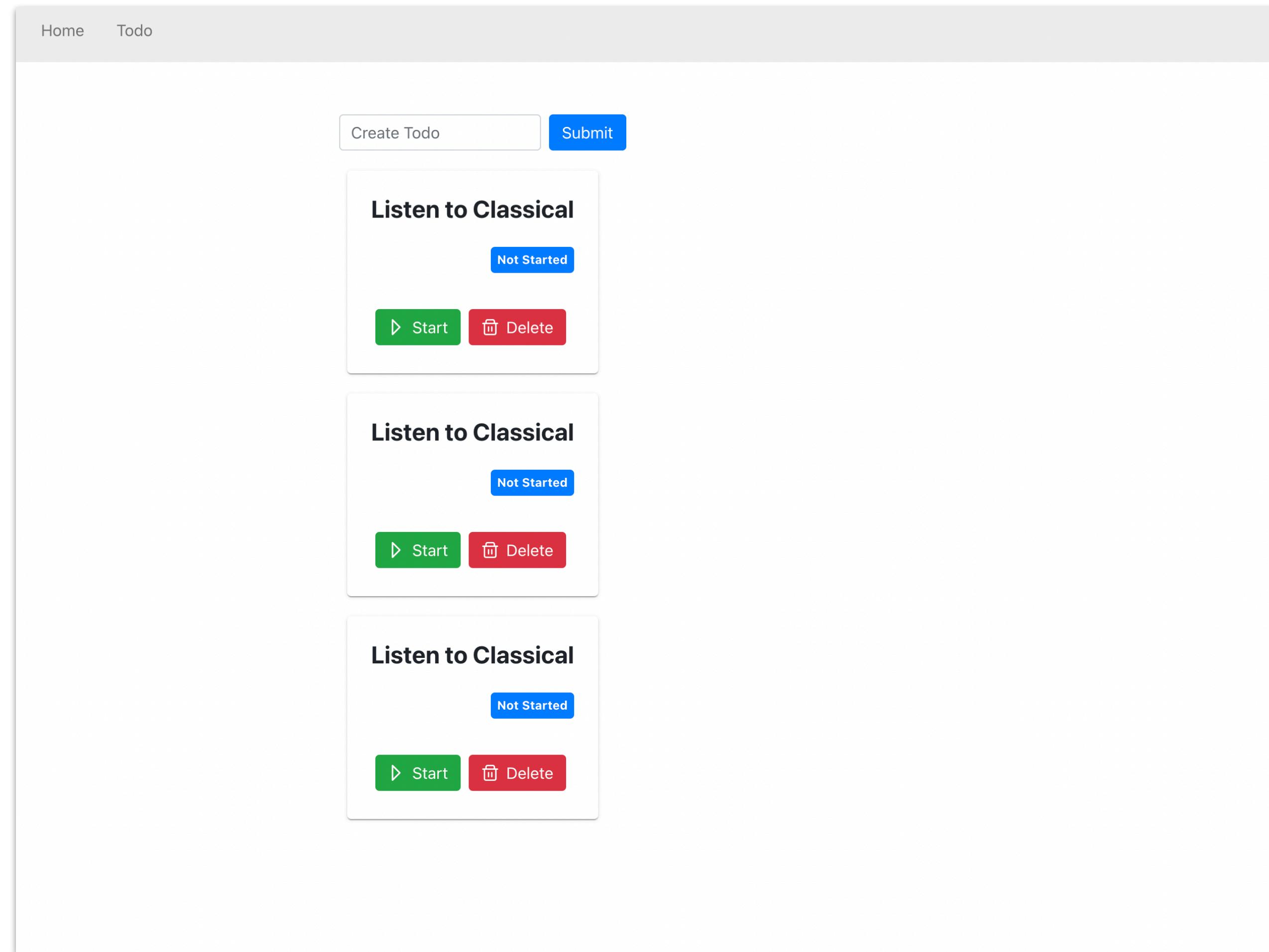
primereact/resources/themes/luna-blue/theme.css →

Theme

primereact/resources/primereact.css

primeflex/primeflex.css

bootstrap4-light-blue

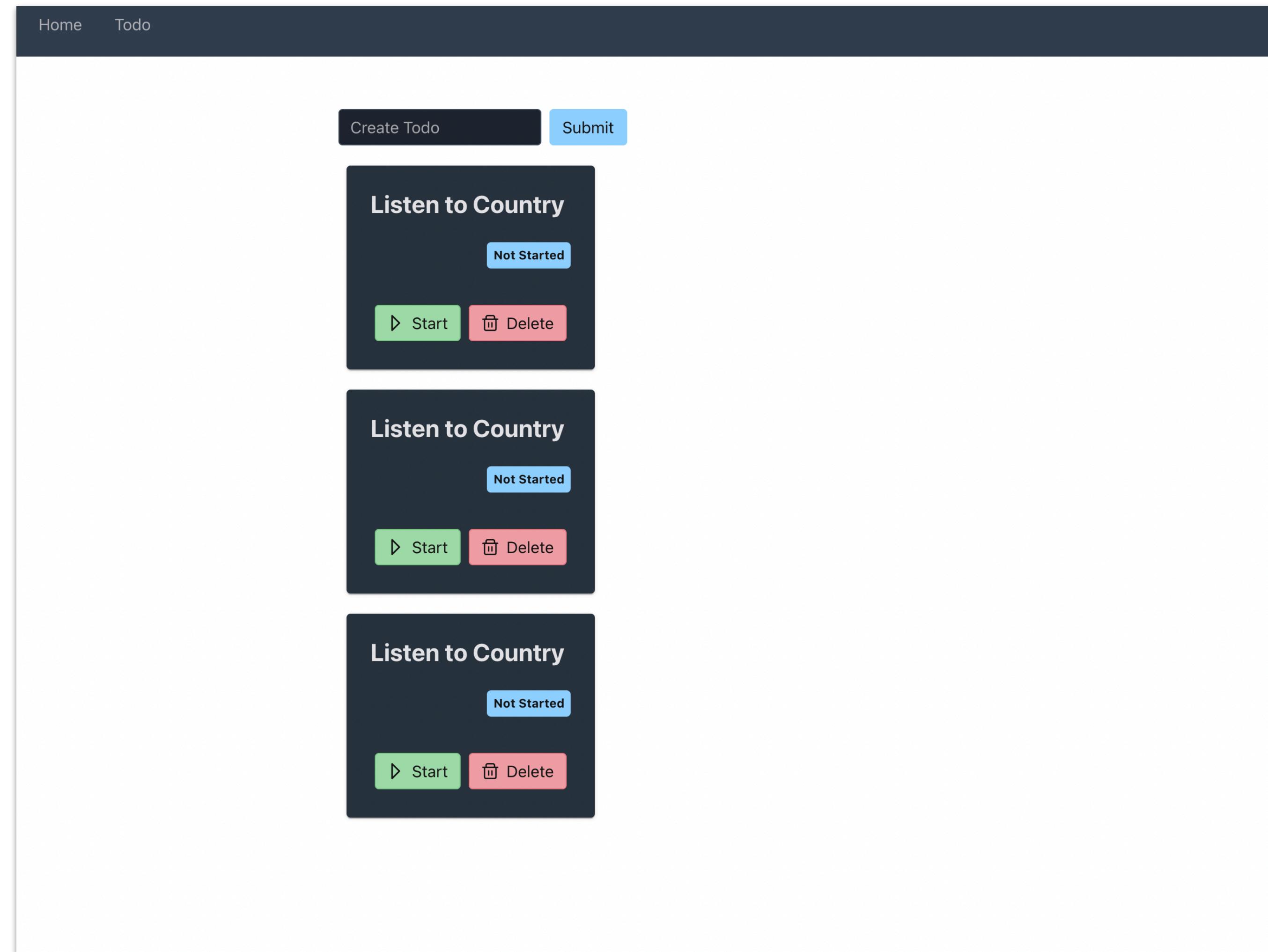


bootstrap4-light-purple

A screenshot of a Todo application interface. At the top, there is a navigation bar with 'Home' and 'Todo' items. Below the navigation bar is a form for creating a new todo item, containing a 'Create Todo' input field and a purple 'Submit' button. The main area displays three todo items, each represented by a white card with rounded corners. Each card has the title 'Listen to World', a status indicator 'Not Started', and two buttons: a green 'Start' button with a play icon and a red 'Delete' button with a trash icon.

ID	Title	Status	Action
1	Listen to World	Not Started	Start Delete
2	Listen to World	Not Started	Start Delete
3	Listen to World	Not Started	Start Delete

bootstrap4-dark-blue



Bootstrap4-dark-purple

The screenshot shows a web application interface with a dark purple header bar. In the top left of the header, there are two tabs: "Home" and "Todo". Below the header is a white content area. At the top of this area is a horizontal row containing a "Create Todo" button (dark purple background, white text) and a "Submit" button (light purple background, white text). Below this row are three identical todo item components, each enclosed in a dark purple box. Each component contains the text "Listen to World" in white, followed by a small "Not Started" button, and two larger buttons below it: a green "Start" button with a play icon and a red "Delete" button with a trash icon.

Home Todo

Create Todo Submit

Listen to World
Not Started

Start Delete

Listen to World
Not Started

Start Delete

Listen to World
Not Started

Start Delete

md-light-indigo

Home Todo

Create Todo Submit

Listen to Country

Not Started

Start Delete

Listen to Country

Not Started

Start Delete

Listen to Country

Not Started

Start Delete

md-light-deeppurple

Home Todo

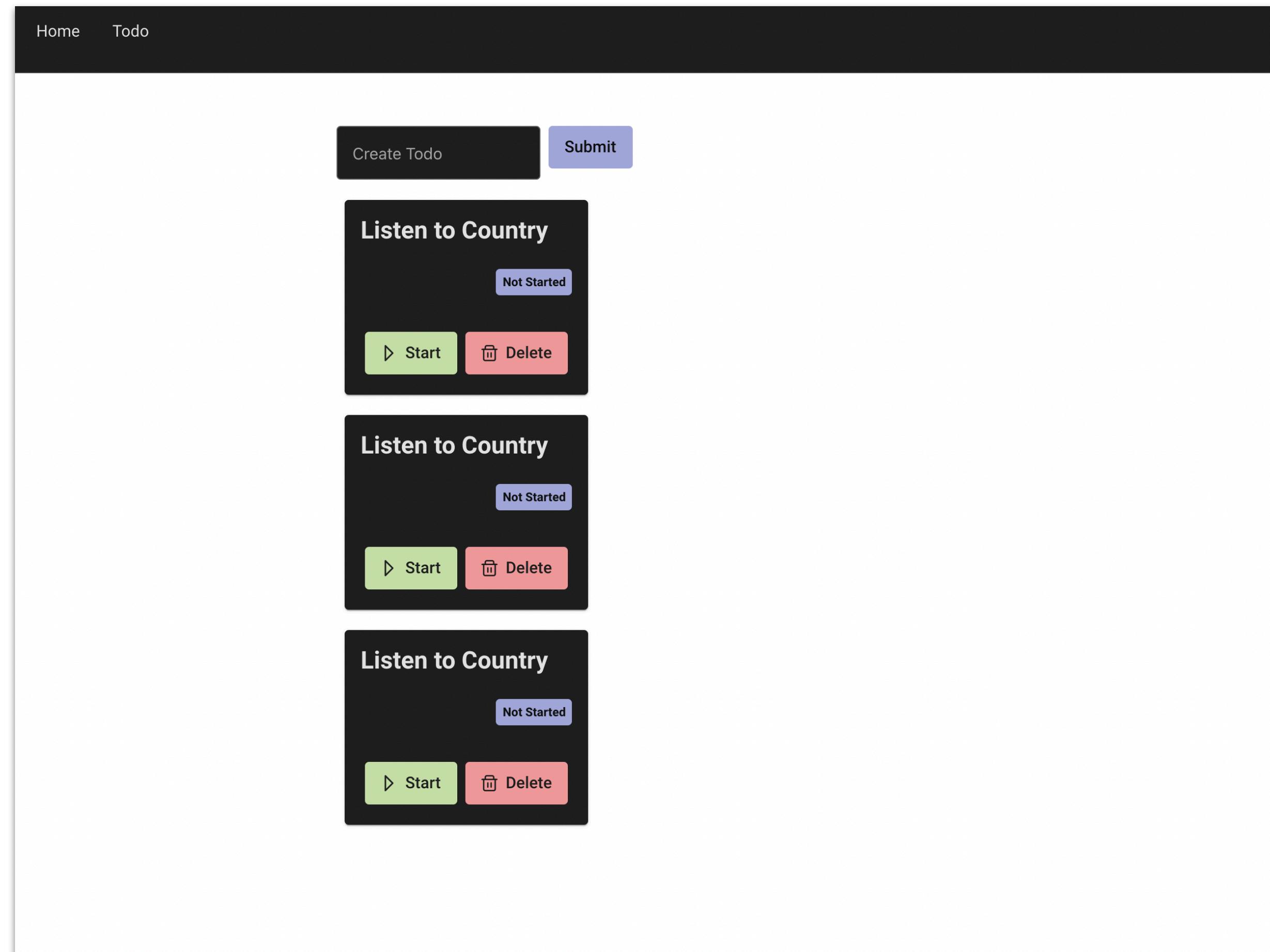
Create Todo Submit

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

md-dark-indigo



md-dark-deeppurple

Home Todo

Create Todo Submit

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

mdc-light-indigo

Home Todo

Create Todo Submit

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

mdc-light-deeppurple

Home Todo

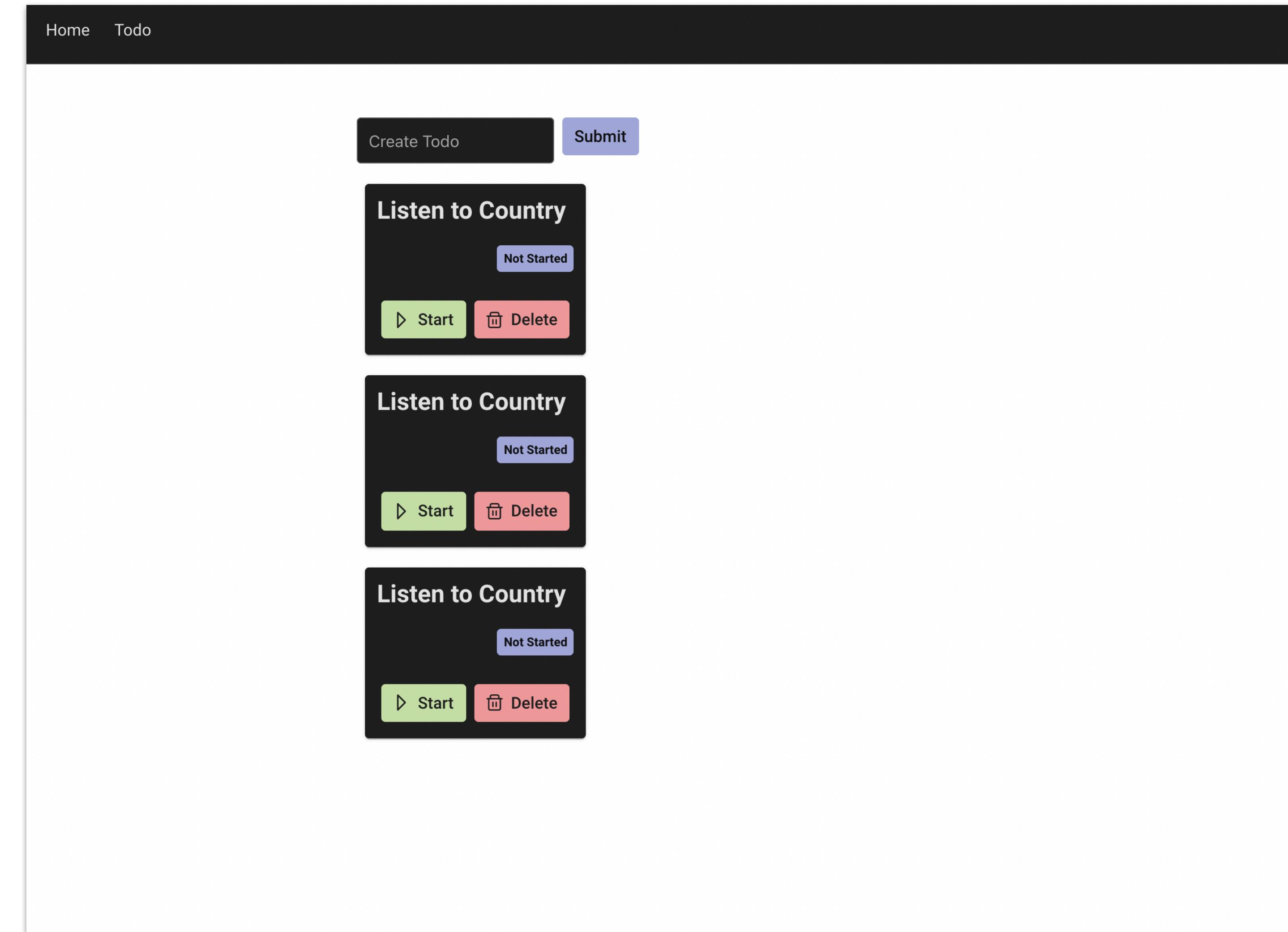
Create Todo Submit

Listen to Country
Not Started
Start Delete

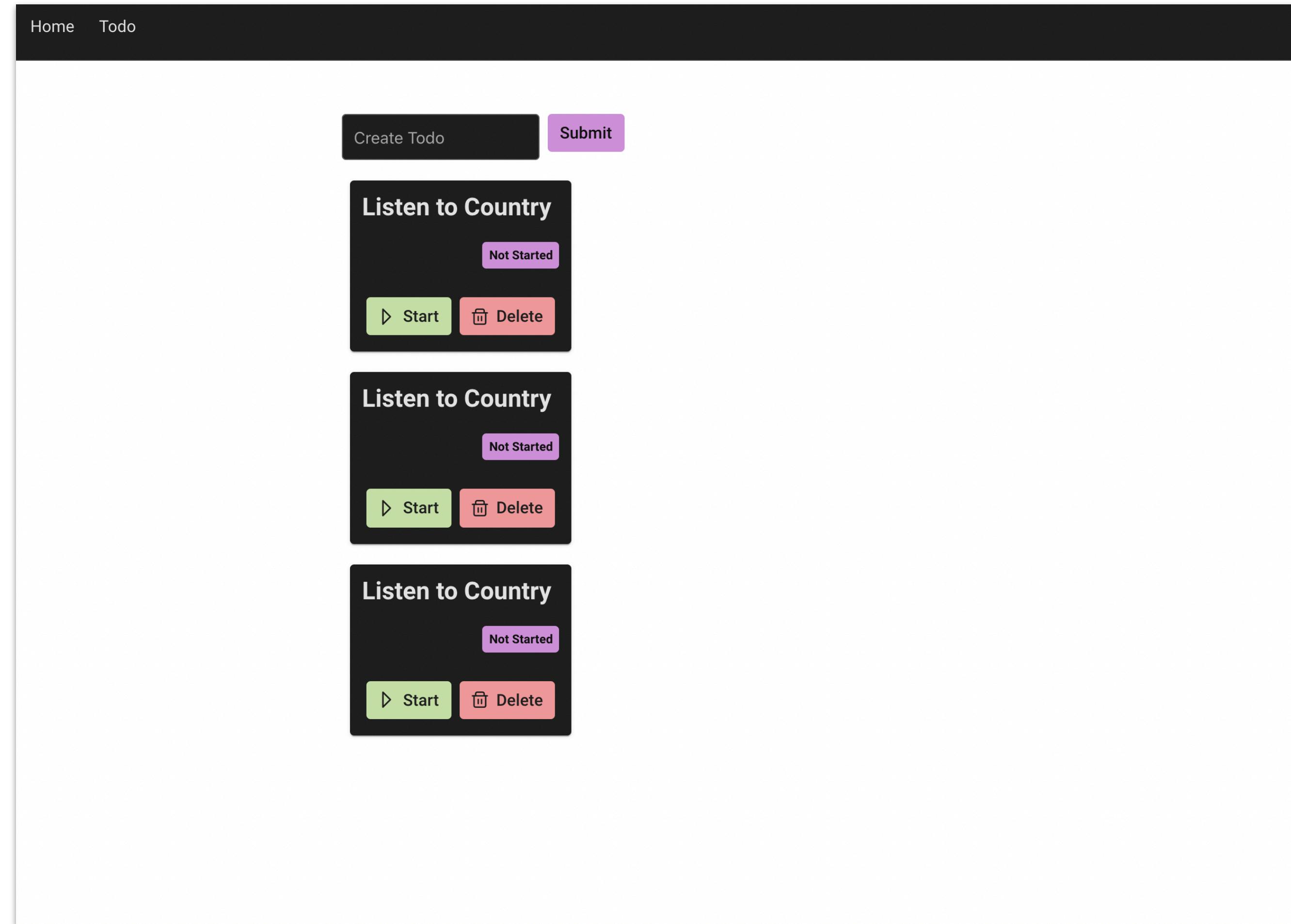
Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

mdc-dark-indigo



mdc-dark-deeppurple



tailwind-light

A screenshot of a web application interface using Tailwind CSS. The top navigation bar includes 'Home' and 'Todo' links. Below the navigation is a form with 'Create Todo' and 'Submit' buttons. Three identical todo items are listed, each with a 'Not Started' status, a green 'Start' button with a play icon, and a red 'Delete' button with a trash icon.

Home Todo

Create Todo Submit

Listen to Country
Not Started
▶ Start Delete

Listen to Country
Not Started
▶ Start Delete

Listen to Country
Not Started
▶ Start Delete

fluent-light

Home Todo

Create Todo Submit

Listen to Country

Not Started

▷ Start Delete

Listen to Country

Not Started

▷ Start Delete

Listen to Country

Not Started

▷ Start Delete

Saga-blue

Home Todo

Create Todo Submit

Listen to Hip Hop

Not Started

▶ Start Delete

Listen to Hip Hop

Not Started

▶ Start Delete

Listen to Hip Hop

Not Started

▶ Start Delete

A screenshot of a web-based application titled "Saga-blue". The top navigation bar includes links for "Home" and "Todo". Below the navigation is a form with a "Create Todo" input field and a "Submit" button. Three identical todo items are listed, each represented by a white box with rounded corners. Each item has the title "Listen to Hip Hop", a status indicator "Not Started", and two buttons: a green "Start" button with a play icon and a red "Delete" button with a trash icon.

saga-green

Home Todo

Create Todo Submit

Listen to Country

Not Started

▶ Start Delete

Listen to Country

Not Started

▶ Start Delete

Listen to Country

Not Started

▶ Start Delete

saga-orange

Home Todo

Create Todo Submit

Listen to Country

Not Started

▶ Start Delete

Listen to Country

Not Started

▶ Start Delete

Listen to Country

Not Started

▶ Start Delete

saga-purple

Home Todo

Create Todo Submit

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

Listen to Country
Not Started
Start Delete

Task	Status	Action	Action
Listen to Country	Not Started	Start	Delete
Listen to Country	Not Started	Start	Delete
Listen to Country	Not Started	Start	Delete

vela-blue

Home Todo

Create Todo Submit

Listen to Country

Not Started

▷ Start Delete

Listen to Country

Not Started

▷ Start Delete

Listen to Country

Not Started

▷ Start Delete

vela-green

Home Todo

Create Todo Submit

Listen to Country

Not Started

▶ Start Delete

Listen to Country

Not Started

▶ Start Delete

Listen to Country

Not Started

▶ Start Delete

vela-orange

Home Todo

Create Todo Submit

Listen to Country

Not Started

▷ Start Delete

Listen to Country

Not Started

▷ Start Delete

Listen to Country

Not Started

▷ Start Delete

vela-purple

The screenshot shows a web-based application interface for managing tasks. At the top, there is a dark header bar with two items: "Home" and "Todo". Below the header, there is a toolbar with two buttons: "Create Todo" (black background) and "Submit" (purple background). The main content area displays three identical task cards, each with a dark blue background and white text. Each card is titled "Listen to Country" and has a status indicator "Not Started". Below the title, there are two buttons: "Start" (green with white icon) and "Delete" (pink with white icon). The cards are vertically aligned.

arya-blue

Home Todo

Create Todo Submit

Listen to Folk

Not Started

▶ Start Delete

Listen to Folk

Not Started

▶ Start Delete

Listen to Folk

Not Started

▶ Start Delete

arya-green

Home Todo

Create Todo Submit

Listen to Folk
Not Started
▶ Start Delete

Listen to Folk
Not Started
▶ Start >Delete

Listen to Folk
Not Started
▶ Start >Delete

arya-orange

Home Todo

Create Todo Submit

Listen to Folk

Not Started

▶ Start Delete

Listen to Folk

Not Started

▶ Start Delete

Listen to Folk

Not Started

▶ Start Delete

The application displays three identical todo items. Each item is represented by a dark gray box with white text. The title 'Listen to Folk' is at the top, followed by the status 'Not Started' in a yellow box. At the bottom are two buttons: a green 'Start' button with a play icon and a pink 'Delete' button with a trash icon.

arya-purple

Home Todo

Create Todo Submit

Listen to Folk

Not Started

▶ Start Delete

Listen to Folk

Not Started

▶ Start Delete

Listen to Folk

Not Started

▶ Start Delete

nova

Home Todo

Create Todo Submit

Listen to Folk

Not Started

Start Delete

Listen to Folk

Not Started

Start Delete

Listen to Folk

Not Started

Start Delete

The screenshot shows the Nova application's Todo page. At the top, there are navigation links for 'Home' and 'Todo'. Below them is a form with a 'Create Todo' input field and a 'Submit' button. Three todo items are listed, each in a card-like box. Each card contains the title 'Listen to Folk', a status indicator 'Not Started', and two buttons: 'Start' (green) and 'Delete' (red). The cards are identical in structure.

luna-amber

The screenshot shows a web-based application interface for managing todos. At the top, there is a dark header bar with two navigation links: "Home" and "Todo". Below the header, there is a toolbar containing a "Create Todo" button (black background with white text) and a "Submit" button (yellow background with black text). The main content area displays three identical todo items, each enclosed in a dark card-like box. Each item has the title "Listen to Jazz", a status indicator "Not Started", and two buttons at the bottom: "Start" (green with white icon) and "Delete" (red with white icon).

ID	Title	Status	Action
1	Listen to Jazz	Not Started	Start Delete
2	Listen to Jazz	Not Started	Start Delete
3	Listen to Jazz	Not Started	Start Delete

luna-blue

Home Todo

Create Todo Submit

Listen to Jazz

Not Started

▶ Start Delete

Listen to Jazz

Not Started

▶ Start Delete

Listen to Jazz

Not Started

▶ Start Delete

luna-green

A screenshot of a web-based todo application. The interface is dark-themed with light-colored buttons and text. At the top, there is a navigation bar with two items: "Home" and "Todo". Below the navigation bar, there are two buttons: "Create Todo" (black background) and "Submit" (light green background). The main content area displays three identical todo items, each represented by a dark card. Each card has the title "Listen to Jazz" in white. Below the title is a status indicator "Not Started" in a light green box. At the bottom of each card are two buttons: "Start" (light green with white icon) and "Delete" (pink with white icon).

ID	Title	Status	Action
1	Listen to Jazz	Not Started	Start Delete
2	Listen to Jazz	Not Started	Start Delete
3	Listen to Jazz	Not Started	Start Delete

luna-pink

Home Todo

Create Todo Submit

Listen to Jazz

Not Started

▶ Start Delete

Listen to Jazz

Not Started

▶ Start Delete

Listen to Jazz

Not Started

▶ Start Delete

rhea

Home Todo

Create Todo Submit

Listen to Jazz

Not Started

▷ Start Delete

Listen to Jazz

Not Started

▷ Start Delete

Listen to Jazz

Not Started

▷ Start Delete

CSS with PrimeFlex

Display

Display without responsive design

p-d-{value}

- Values
 - none
 - inline
 - inline-block
 - block
 - flex
 - inline-flex

Display with responsive design

P-d-{breakpoint}-{value}

- Values
 - none
 - inline
 - inline-block
 - block
 - flex
 - inline-flex
- Breakpoint
 - sm
 - md
 - lg
 - xl

Elevation

Elevation

p-shadow-{level}

- 24 depths(Level: 1~24)

FlexBox

Flex Container

- p-d-flex
- p-d-inline-flex

Direction

p-flex-{direction} or p-flex-{breakpoint}-{direction}

- Direction
 - row(default)
 - row-reverse
 - column
 - column-reverse
- Breakpoint
 - sm
 - md
 - lg
 - xl

Order

p-order-{value} or p-order-{breakpoint}-{value}

- value(1~6)
- Breakpoint
 - sm
 - md
 - lg
 - xl

Wrap

p-flex-{value} or p-flex-{breakpoint}-{value}

- Value
 - nowrap(default)
 - wrap
 - wrap-reverse
- Breakpoint
 - sm
 - md
 - lg
 - xl

Justify Content

p-jc-{value} or p-jc-{breakpoint}-{value}

- Value
 - start
 - end
 - center
 - between
 - around
 - evenly
- Breakpoint
 - sm
 - md
 - lg
 - xl

Align

p-ai-{value} or p-ai-{breakpoint}-{value}

- Value
 - start
 - end
 - center
 - baseline
 - stretch(default)
- Breakpoint
 - sm
 - md
 - lg
 - xl

Align Self

p-as-{value} or p-as-{breakpoint}-{value}

- Value
 - start
 - end
 - center
 - baseline
 - stretch(default)
- Breakpoint
 - sm
 - md
 - lg
 - xl

Align Content

p-ac-{value} or p-ac-{breakpoint}-{value}

- Value
 - start
 - end
 - center
 - baseline
 - around
 - between
- Breakpoint
 - sm
 - md
 - lg
 - xl

Grid System

Grid System - 12 column grid

- General
 - p-grid
 - p-col-{value} or p-col
- Responsive
 - p-grid
 - p-{breakpoint}-{value}
- Breakpoint
 - sm
 - md
 - lg
 - xl
- Value(1~12)

Horizontal Alignment

p-justify-{values}

- Values
 - start(default)
 - end
 - center
 - between
 - around
 - even

Vertical Alignment

p-align-{values} or p-col-align-{values}(column level)

- Values
 - stretch(default)
 - start
 - end
 - center
 - baseline

Offset

p-col-offset-{value} or p-{breakpoint}-offset-{value}

- Value(1~12)
- Breakpoint
 - sm
 - md
 - lg
 - xl

Gutter

- p-nogutter

Spacing

Spacing

p-{property}{position}-{value} or p-{property}{position}-{breakpoint}-{value}

- Property
 - m: margin
 - p: padding
- Breakpoint
 - sm
 - md
 - lg
 - xl
- Position
 - t: top
 - b: bottom
 - l: left
 - r: right
 - x: left and right
 - y: top and bottom
 - blank: all sides
- Value(0~6) \$spacer = 1rem
 - 0: \$spacer*0
 - 1: \$spacer*0.25
 - 2: \$spacer*0.5
 - 3: \$spacer*1
 - 4: \$spacer*1.5
 - 5: \$spacer*2
 - 6: \$spacer*3
 - auto: auto margin

Text

Alignment

p-text-{value}

- Value
 - left
 - center
 - right
 - justify

Wrap

p-text-{value}

- Value
 - nowrap
 - wrap
 - truncate

Transform

p-text-{value}

- Value
 - lowercase
 - uppercase
 - capitalize

Dependencies

p-text-{value}

- Value
 - bold
 - normal
 - light
 - italic