Storybook Development Guide

To add Storybook to your React Vite project, follow these steps:

1. **Install Storybook:**

   Run the following command to install Storybook and its dependencies:

   ```
   npx sb init
   ```

2. **Configure Storybook:**

   Storybook should automatically detect your project setup and configure itself. However, you may need to adjust the configuration files located in the `.storybook` directory.

3. **Add Stories:**

   When create new a component by using `bun run generate` or `npm run generate` and fill `Component name` and `Subfolder(optional)`. After run the scrpint we will create a storybook with template by plop file. By default the storybook is same level of the component and contained in `src/components`. We will update stories to matching with compoent by provide args.

   ```
   import { Meta, StoryObj } from '@storybook/react';

   import Button from './Button';

   const meta = {
       title: 'Components/Button',
       component: Button,
       parameters: {
           // Optional parameter to center the component in the Canvas. More info: https://storybook.js.org/docs/configure/story-
           layout: 'centered',
       },
       // This component will have an automatically generated Autodocs entry: https://storybook.js.org/docs/writing-docs/autodocs
       tags: ['autodocs'],
       // More on argTypes: https://storybook.js.org/docs/api/argtypes
       argTypes: {},
       // Use `fn` to spy on the onClick arg, which will appear in the actions panel once invoked: https://storybook.js.org/docs/
       args: {},
   } satisfies Meta<typeof Button>;

   export default meta;
   type Story = StoryObj<typeof meta>;

   export const Default: Story = {
       args: {},
   };
   ```

4. **Example:** Here is an example of Button component

```
import type { Meta, StoryObj } from '@storybook/react';

import Button from './Button';

const meta = {
title: 'Components/Button',
component: Button,
parameters: {
    // Optional parameter to center the component in the Canvas. More info: https://storybook.js.org/docs/configure/story-layou
    layout: 'centered',
},
// This component will have an automatically generated Autodocs entry: https://storybook.js.org/docs/writing-docs/autodocs
tags: ['autodocs'],
// More on argTypes: https://storybook.js.org/docs/api/argtypes
argTypes: {
    variant: {
        control: 'select',
        options: ['primary', 'secondary', 'destructive', 'link', 'ghost'],
    },
    roundness: {
        control: 'radio',
        options: ['none', 'default', 'large', 'full'],
    },
    size: {
        control: 'radio',
        options: ['default', 'small', 'large'],
    },
},
// Use `fn` to spy on the onClick arg, which will appear in the actions panel once invoked: https://storybook.js.org/docs/essen
args: {
    children: 'Button',
    variant: 'primary',
    size: 'default',
    roundness: 'default',
    loading: false,
    disabled: false,
},
} satisfies Meta<typeof Button>;

export default meta;
type Story = StoryObj<typeof meta>;

export const Primary: Story = {
    args: {},
};
export const PrimarySmall: Story = {
    args: {
        ...Primary.args,
        size: 'small',
    },
};
export const PrimaryLarge: Story = {
    args: {
        ...Primary.args,
        size: 'large',
    },
};
export const PrimaryDisabled: Story = {
    args: {
        ...Primary.args,
        disabled: true,
    },
};
export const PrimaryLoading: Story = {
    args: {
```

```
            ...Primary.args,
            loading: true,
        },
    };
    export const Secondary: Story = {
        args: {
            ...Primary.args,
            variant: 'secondary',
        },
    };
    export const SecondarySmall: Story = {
        args: {
            ...Primary.args,
            variant: 'secondary',
            size: 'small',
        },
    };
    export const SecondaryLarge: Story = {
        args: {
            ...Primary.args,
            variant: 'secondary',
            size: 'large',
        },
    };
    export const SecondaryDisabled: Story = {
        args: {
            ...Primary.args,
            variant: 'secondary',
            disabled: true,
        },
    };
    export const SecondaryLoading: Story = {
        args: {
            ...Primary.args,
            variant: 'secondary',
            loading: true,
        },
    };
    export const Destructive: Story = {
        args: {
            ...Primary.args,
            variant: 'destructive',
            className: 'bg-danger',
        },
    };
    export const DestructiveSmall: Story = {
        args: {
            ...Primary.args,
            variant: 'destructive',
            size: 'small',
        },
    };
    export const DestructiveLarge: Story = {
        args: {
            ...Primary.args,
            variant: 'destructive',
            size: 'large',
        },
    };
    export const DestructiveDisabled: Story = {
        args: {
            ...Primary.args,
            variant: 'destructive',
            disabled: true,
        },
    };
```

```typescript
export const DestructiveLoading: Story = {
    args: {
        ...Primary.args,
        variant: 'destructive',
        loading: true,
    },
};
export const Ghost: Story = {
    args: {
        ...Primary.args,
        variant: 'ghost',
    },
};
export const GhostSmall: Story = {
    args: {
        ...Primary.args,
        variant: 'ghost',
        size: 'small',
    },
};
export const GhostLarge: Story = {
    args: {
        ...Primary.args,
        variant: 'ghost',
        size: 'large',
    },
};
export const GhostDisabled: Story = {
    args: {
        ...Primary.args,
        variant: 'ghost',
        disabled: true,
    },
};
export const GhostLoading: Story = {
    args: {
        ...Primary.args,
        variant: 'ghost',
        loading: true,
    },
};
export const Link: Story = {
    args: {
        ...Primary.args,
        variant: 'link',
    },
};
export const LinkSmall: Story = {
    args: {
        ...Primary.args,
        variant: 'link',
        size: 'small',
    },
};
export const LinkLarge: Story = {
    args: {
        ...Primary.args,
        variant: 'link',
        size: 'large',
    },
};
export const LinkDisabled: Story = {
    args: {
        ...Primary.args,
        variant: 'link',
        disabled: true,
```

```
    },
};
export const LinkLoading: Story = {
    args: {
        ...Primary.args,
        variant: 'link',
        loading: true,
    },
};
```

5. **Run Storybook:**

   Start Storybook by running the following command:

   ```
   bun run storybook
   ```

   This will start the Storybook server and open it in your default web browser.

6. **View Your Stories:**

   You can now view your stories in the Storybook interface. Any changes you make to your stories or components will be automatically reflected in Storybook.

7. **Additional Configuration:**

   For more advanced configuration and usage, refer to the Storybook documentation (https://storybook.js.org/docs/react/get-started/introduction).