

Add Swiper HTML Layout

Now, we need to add basic Swiper layout to our app:

```
<!-- Slider main container --><div class="swiper">
  <!-- Additional required wrapper -->
  <div class="swiper-wrapper">
    <!-- Slides -->
    <div class="swiper-slide">Slide 1</div>
    <div class="swiper-slide">Slide 2</div>
    <div class="swiper-slide">Slide 3</div>
    ...
  </div>
  <!-- If we need pagination -->
  <div class="swiper-pagination"></div>

  <!-- If we need navigation buttons -->
  <div class="swiper-button-prev"></div>
  <div class="swiper-button-next"></div>

  <!-- If we need scrollbar -->
  <div class="swiper-scrollbar"></div></div>
```

Swiper CSS Styles/Size

In addition to [Swiper's CSS styles](#), we may need to add some custom styles to set

Swiper size:

```
.swiper {
  width: 600px;
  height: 300px;}
```

Initialize Swiper

Finally, we need to initialize Swiper in JS:

```
const swiper = new Swiper('.swiper', {  
  // Optional parameters  
  direction: 'vertical',  
  loop: true,  
  
  // If we need pagination  
  pagination: {  
    el: '.swiper-pagination',  
  },  
  
  // Navigation arrows  
  navigation: {  
    nextEl: '.swiper-button-next',  
    prevEl: '.swiper-button-prev',  
  },  
  
  // And if we need scrollbar  
  scrollbar: {  
    el: '.swiper-scrollbar',  
  },  
});
```