

ZoomInOut

```

import React, { useState, useRef, useEffect } from "react";

function ImageZoomInOut({ imageUrl }) {
  const [scale, setScale] = useState(1);
  const [position, setPosition] = useState({ x: 0, y: 0 });
  const imageRef = useRef(null);

  const handleZoomIn = () => {
    setScale((scale) => scale + 0.1);
  };

  const handleZoomOut = () => {
    setScale((scale) => scale - 0.1);
  };

  useEffect(() => {
    const image = imageRef.current;
    let isDragging = false;
    let prevPosition = { x: 0, y: 0 };

    const handleMouseDown = (e) => {
      isDragging = true;
      prevPosition = { x: e.clientX, y: e.clientY };
    };

    const handleMouseMove = (e) => {
      if (!isDragging) return;
      const deltaX = e.clientX - prevPosition.x;
      const deltaY = e.clientY - prevPosition.y;
      prevPosition = { x: e.clientX, y: e.clientY };
      setPosition((position) => ({
        x: position.x + deltaX,
        y: position.y + deltaY,
      }));
    };

    const handleMouseUp = () => {
      isDragging = false;
    };

    image?.addEventListener("mousedown", handleMouseDown);
    image?.addEventListener("mousemove", handleMouseMove);
    image?.addEventListener("mouseup", handleMouseUp);

    return () => {
      image?.removeEventListener("mousedown", handleMouseDown);
      image?.removeEventListener("mousemove", handleMouseMove);
    };
  }, [imageRef]);
}

```

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