NAME:RENUKADEVI JAMMULA

EMAIL ID:renukaj0624@gmail.com

PHONE NO:9908129280

ROLL NUMBER:20NN1A05D8

COLLEGE NAME:VNITSW,PALAKALURU,GUNTUR-522006

**CODE:**

**CARD COMPONENT:**

import React, { useState } from 'react'

import { Button } from '../button/Button'

import './card.css'

export const Card= ({card}) =>

{

const [show,setShow]=useState(false);

function buttonClick(){

setShow(!show);

}

return (

<div className={show ? "card show" : "card"}>

<div className="image">

<img src={card.url} alt="" />

</div>

<h3>{card.title}</h3>

{

show && <p>{<card.description}</p>

}

<Button buttonClick= {buttonClick} show={show}/>

</div>

)

}

.card{

padding:10px;

border:1px solid #000;

border-radius:10px;

flex-shrink:0;

flex-grow: 0;

background-color: #fff;

width:300px;

height:250px;

display:flex;

flex-direction: column;

align-items: center;

}

.card.show{

height:340px;

}

.card.image{

border-radius: 6px;

overflow:hiden;

background: red;

}

.card.image img{

width:100%;

height:100%;

object-fit: cover;

}

.caed.image img:hover{

transform: scale(1.2);

}

.card h3{

text-align: center;

margin: 7px;

}

.card p{

text-align: justify;

width:230px;

padding: 10px 0px;

}

**BUTTON COMPONENT**

import React from 'react'

import './button.css'

export const Button=({buttonClick,show})=>{

return (

<button onClick={buttonClick}>

{show ? 'show less':'show more'}

</button>

)

}

button

{

outline:none;

border:none;

width:90%;

padding:10px 5px;

background: aqua;

border-radius: 5px;

font-weight: bold;

margin-inline: auto;

}

button:hover{

opacity: .6;

}

**APP COMPONENT**

import './App.css';

import {card} from './components/card/Card';

import image1 from './images/image1.jpeg'

import image2 from './images/image2.jpeg'

import image3 from './images/image3.jpeg'

import image4 from './images/image4.jpeg'

function App(){

const cards=[

{

url:image1,

title:"Audi R8";

description:"The definition of a supercar describes an expensive car that's flashy,"

},

{

url:image2,

title:"Maserati MC20";

description:"The definition of a supercar describes an expensive car that's flashy,"

}

{

url:image3,

title:"porsche 911 GT3 RS";

description:"The definition of a supercar describes an expensive car that's flashy,"

}

{

url:image4,

title:"Lamborghini Huracan Tecnica";

description:"The definition of a supercar describes an expensive car that's flashy,"

}

]

return (

<div className="app">

{

cards.map((card,index)=><Card key={index} card={card}/>)

}

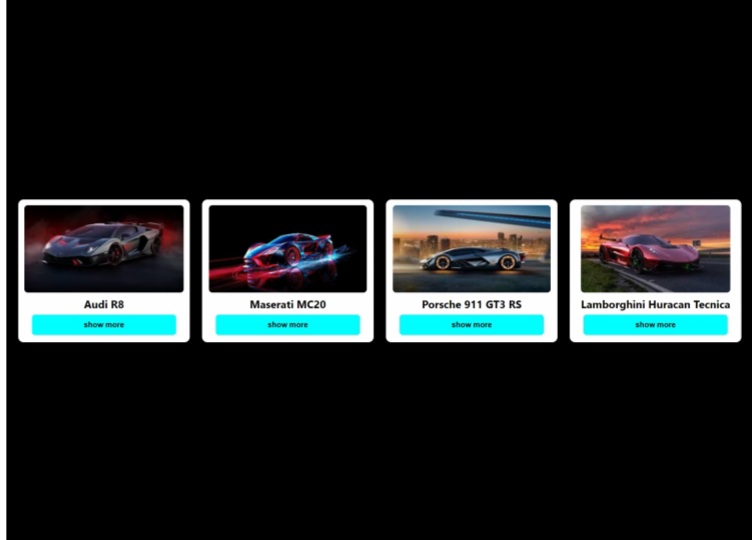
</div>

);

}

export default APP;

**OUTPUT**

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