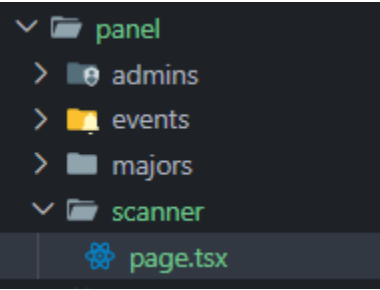


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Buat folder scanner di dalam folder panel, dan buat file page.tsx di dalamnya untuk membuat halaman scan tiket QR peserta.



Buat halaman seperti ini

```
1  <>
2    <div className="breadcrumbs text-sm mb-2">
3      <ul>
4        <li><Link href="/panel">Dashboard</Link></li>
5        <li>Scanner</li>
6      </ul>
7    </div>
8    <div className="flex justify-between items-center mb-3">
9      <h1 className="font-semibold text-xl">Scanner</h1>
10    </div>
11    <div className="grid grid-cols-3">
12      <div className="lg:col-span-1 col-span-3">
13        <div className="card shadow-sm mb-4">
14          <div className="card-body">
15            {!isScanning && (
16              <button className="btn btn-neutral w-full" onClick={startScanner}>
17                Mulai Scan QR
18              </button>
19            )}
20            {isScanning && (
21              <>
22                <div id="qr-reader" className="w-full rounded" />
23                <button className="btn btn-error w-full mt-2" onClick={stopScanner}>
24                  Stop Scan
25                </button>
26              </>
27            )}
28          </div>
29          {error && <p className="text-red-500 mb-4 text-center">{error}</p>}
30        </div>
31      </div>
32    </div>
33    </div>
34    </div>
35    {reg &&
36      <div className="card shadow-sm">
37        <div className="card-body">
38          <h1 className="text-md font-semibold mb-2">Detail Registration</h1>
39          <div className="overflow-x-auto border-b border-base-300 pb-2 mb-2">
40            <table className="text-nowrap w-full text-xs">
41              <tbody>
42                <tr>
43                  <td className="text-left py-1">Name</td>
44                  <td className="text-right py-1">{reg.name}</td>
45                </tr>
46                <tr>
47                  <td className="text-left py-1">NPM</td>
48                  <td className="text-right py-1">{reg.npm}</td>
49                </tr>
50                <tr>
51                  <td className="text-left py-1">WhatsApp</td>
52                  <td className="text-right py-1">{reg.whatsapp}</td>
53                </tr>
54                <tr>
55                  <td className="text-left py-1">Major</td>
56                  <td className="text-right py-1">{reg.major.name}</td>
57                </tr>
58              </tbody>
59            </table>
60          </div>
61          <div className="grid grid-cols-2 gap-2 mb-4">
62            <div className="col-span-1 text-center">
63              <div className="text-xs mb-2">Registration</div>
64              {reg.status === 'PENDING' && <span className="badge badge-warning text-xs">Pending</span>}
65              {reg.status === 'APPROVED' && <span className="badge badge-success text-xs">Approved</span>}
66              {reg.status === 'REJECTED' && <span className="badge badge-error text-xs">Rejected</span>}
67              {reg.status === 'CANCELLED' && <span className="badge badge-error text-xs">Cancelled</span>}
68            </div>
69            <div className="col-span-1 text-center">
70              <div className="text-xs mb-2">Attendance</div>
71              {reg.attendance === 'ABSENT' && <span className="badge badge-warning text-xs">Absent</span>}
72              {reg.attendance === 'ATTENDED' && <span className="badge badge-info text-xs">Attended</span>}
73            </div>
74          </div>
75          {reg.status === 'APPROVED' && reg.attendance === 'ABSENT' ?
76            <button className="btn btn-neutral btn-outline btn-sm" onClick={handleAttend}>Attend</button> : null
77          }
78        </div>
79      </div>
80    </div>
81  }
82  </>
```

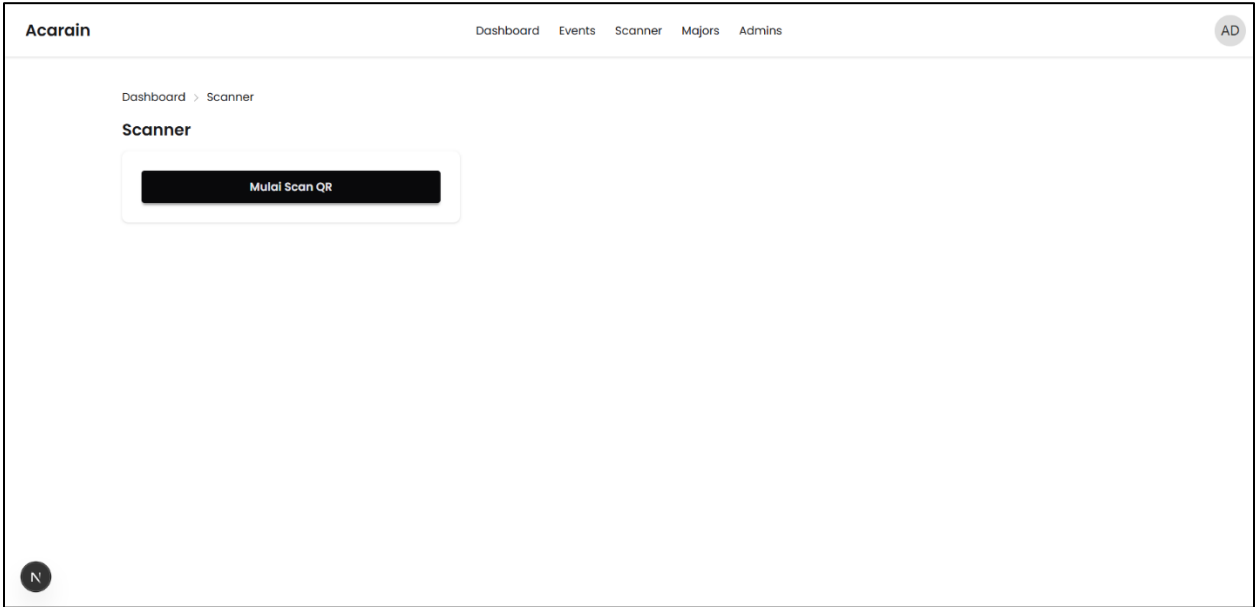
Buat method start dan stop scan. Untuk scanner kami menggunakan library html5-qrcode

```
1  const scannerRef = useRef<Html5Qrcode | null>(null)
2  const [isScanning, setIsScanning] = useState(false)
3  const [result, setResult] = useState('')
4  const [error, setError] = useState('')
5  const [reg, setReg] = useState<any>(null)
6
7  const startScanner = async () => {
8    if (isScanning) return
9    setIsScanning(true)
10   setResult('')
11   setError('')
12   setReg(null)
13
14   const scannerId = "qr-reader"
15
16   try {
17     await new Promise((resolve) => setTimeout(resolve, 100))
18
19     const qrScanner = new Html5Qrcode(scannerId)
20     scannerRef.current = qrScanner
21
22     await qrScanner.start(
23       { facingMode: "environment" },
24       { fps: 10, qrbox: 200 },
25       async (decodedText) => {
26         setResult(decodedText)
27
28         try {
29           const res = await axios.get(`/registrations/attend?code=${decodedText}`, {
30             headers: {
31               Authorization: `Bearer ${Cookies.get('token')}`
32             }
33           })
34           setReg(res.data)
35         } catch {
36           alert("QR tidak valid atau gagal absen.")
37         }
38
39         await qrScanner.stop()
40         qrScanner.clear()
41         scannerRef.current = null
42         setIsScanning(false)
43       },
44       (scanError) => {
45         // bisa diabaikan
46       }
47     )
48   } catch (err) {
49     setError("Gagal mengakses kamera")
50     setIsScanning(false)
51   }
52 }
53
54 const stopScanner = async () => {
55   if (scannerRef.current) {
56     await scannerRef.current.stop()
57     await scannerRef.current.clear()
58     scannerRef.current = null
59   }
60   setIsScanning(false)
61 }
```

Lalu buat handle jika data peserta dari qr code berhasil di temukan, maka akan muncul detail peserta, jika benar panitia akan klik kehadiran peserta.

```
1  const handleAttend = async () => {
2    try {
3      await axios.post(`/registrations/attend?code=${result}`, {}, {
4        headers: {
5          Authorization: `Bearer ${Cookies.get('token')}`
6        }
7      })
8      alert("Berhasil absen")
9      startScanner()
10   } catch (err: any) {
11     alert(err.response.data.message)
12   }
13 }
```

Jika halaman pertam kali di akses akan seperti ini.



Untuk memulai scanning, klik tombol Mulai Scan QR, lalu nanti akan ada popup dari browser meminta izin mengakses kamera perangkat kita. Jika di izinkan akan muncul box camera untuk scan nya seperti ini.

