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<html>
<head>
  <meta charset="UTF-8">
  <title>AI ねこじゃらし</title>
  <script src="https://unpkg.com/ml5@0.12.2/dist/ml5.min.js"></script>           ...ml5.js の読み込み
  <script src="https://699.jp/src/js/akadako.js"></script>
  <style>
    video { width: 400px; border: 5px solid #fff; border-radius: 10px; }       ...カメラ画像のサイズ
  </style>
</head>

<body>
  <h1>ねこじゃらし (AI カメラ版) </h1>

  <div>                               ...カメラの表示場所
    <video id="myVideo" autoplay playsinline></video>
  </div>

  <script>                               ... サーボを制御して待つ関数

    async function servo(board,speed,angle,ms) {
      await board.runServoTurn(AkaDako.DigitalWrite.A1,speed,angle);
      await new Promise(r => setTimeout(r, ms));
    }

    async function main() {
      let timer = 0;
      const board = await AkaDako.connect();                               ...カメラ起動

      const video = document.getElementById('myVideo');
      const stream = await navigator.mediaDevices.getUserMedia({ video: true } ... カメラ映像の準備完了を待つ
      video.srcObject = stream;

      await new Promise(r => {                                           ...COCO-SSD モデルの準備完了を待つ
        video.onloadedmetadata = r;
      });

      const detector = await new Promise((resolve) => {                   ...カウントダウン
        const d = ml5.objectDetector('cocossd', () => {
          resolve(d);
        });
      });

      setInterval(() => {
        if (timer > 0) timer--;
      }, 1000);

      while (true) {                                                     ...猫発見

        const results = await new Promise(r =>
          detector.detect(video, (err, res) => r(res || []))
        );
        ...猫じゃらしを動かす
        ...マリちゃんのアイディア

        if ( results && results.find(obj => obj.label === 'cat') ) {
          timer = 30;
        }

        if (timer > 0) {

```

```
    await servo(board,20,-60,4000);
    await servo(board,100,60,1000);
    await servo(board,100,55,200);
    await servo(board,100,60,200);
    await servo(board,100,55,200);
    await servo(board,100,60,4000);
  } else {
    await new Promise(r => setTimeout(r, 100));
  }
}
}
main();
</script>
</body>
</html>
```