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sequenceDiagram
    participant user
    participant browser
    participant server

    user->>browser: Write note and click Save
    Note right of browser: Browser captures the user input and prepares to send it to the server

    browser->>server: POST
    https://studies.cs.helsinki.fi/exampleapp/new_note with note data
    activate server
    Note right of server: Server receives the new note data and saves it
    server-->>browser: HTTP 302 Redirect to /notes
    deactivate server

    Note right of browser: Browser follows the redirect and reloads the notes page

    browser->>server: GET https://studies.cs.helsinki.fi/exampleapp/notes
    activate server
    server-->>browser: HTML document
    deactivate server

    browser->>server: GET
    https://studies.cs.helsinki.fi/exampleapp/main.css
    activate server
    server-->>browser: the css file
    deactivate server

    browser->>server: GET https://studies.cs.helsinki.fi/exampleapp/main.js
    activate server
    server-->>browser: the JavaScript file
    deactivate server

    Note right of browser: The browser starts executing the JavaScript code that fetches the JSON from the server

    browser->>server: GET
    https://studies.cs.helsinki.fi/exampleapp/data.json
    activate server
    server-->>browser: [{ "content": "HTML is easy", "date": "2023-1-1" },
    { "content": "new note", "date": "2024-5-30" }, ... ]
    deactivate server

    Note right of browser: The browser executes the callback function that renders the notes
```