

SignalR

Simple offer updates for all users using SignalR

The image shows a development environment with Visual Studio Code and a web browser. In Visual Studio Code, the file explorer on the left shows a project named 'GROCERY' with various files and folders. The 'signal-rpost.component.ts' file is selected, showing the following TypeScript code:

```
9 export class SignalPostComponent {
10   private hubConnectionBuilder!: HubConnection;
11   offers: any[] = [];
12   ngOnInit() {
13     this.hubConnectionBuilder = new HubConnectionBuilder()
14       .withUrl('https://localhost:7250/offers', { skipNegotiation: true,
15         transport: signalR.HttpTransportType.WebSockets })
16       .configureLogging(LogLevel.Information)
17       .build();
18     this.hubConnectionBuilder
19       .start()
20       .then(() => console.log('Connection started.....'))
21       .catch(err => console.log('Error while connect with server'));
22     this.hubConnectionBuilder.on('SendOfferstouser', (result: any) => {
23       this.offers.push(result);
24     });
25   }
26 }
```

The terminal window shows the following SQL query:

```
SELECT TOP(1) [u].[id], [u].[password], [u].[emailid], [u].[firstname], [u].[lastname], [u].[
FROM [Userdata] AS [u]
WHERE [u].[id] = @_id_0
) AS [t]
LEFT JOIN [cartdata] AS [c] ON [t].[id] = [c].[userid]
LEFT JOIN [useraddress] AS [u0] ON [t].[id] = [u0].[userid]
ORDER BY [t].[id], [c].[id]
```

The web browser shows the Swagger UI for the API. The 'POST /api/Product/productoffers' endpoint is selected. The 'message' parameter is set to '20% Pongal offer'. The 'Execute' button is clicked, and the response is displayed:

```
200
Offers sent successfully to all users!
Content-Type: text/plain; charset=utf-8
date: Sun, 21 Jan 2024 10:20:42 GMT
server: Kestrel
```

