

DRAFT

Front End UI



[Repositories](#) [Notifications](#)

Hello, Erik Smith!


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A helpful, convenient toolkit that serves to keep packages optimized to the user's preferences and send email notifications to remind them to keep things up to date.

A Package Update Notifier that can make developer lives easier!

Front End UI

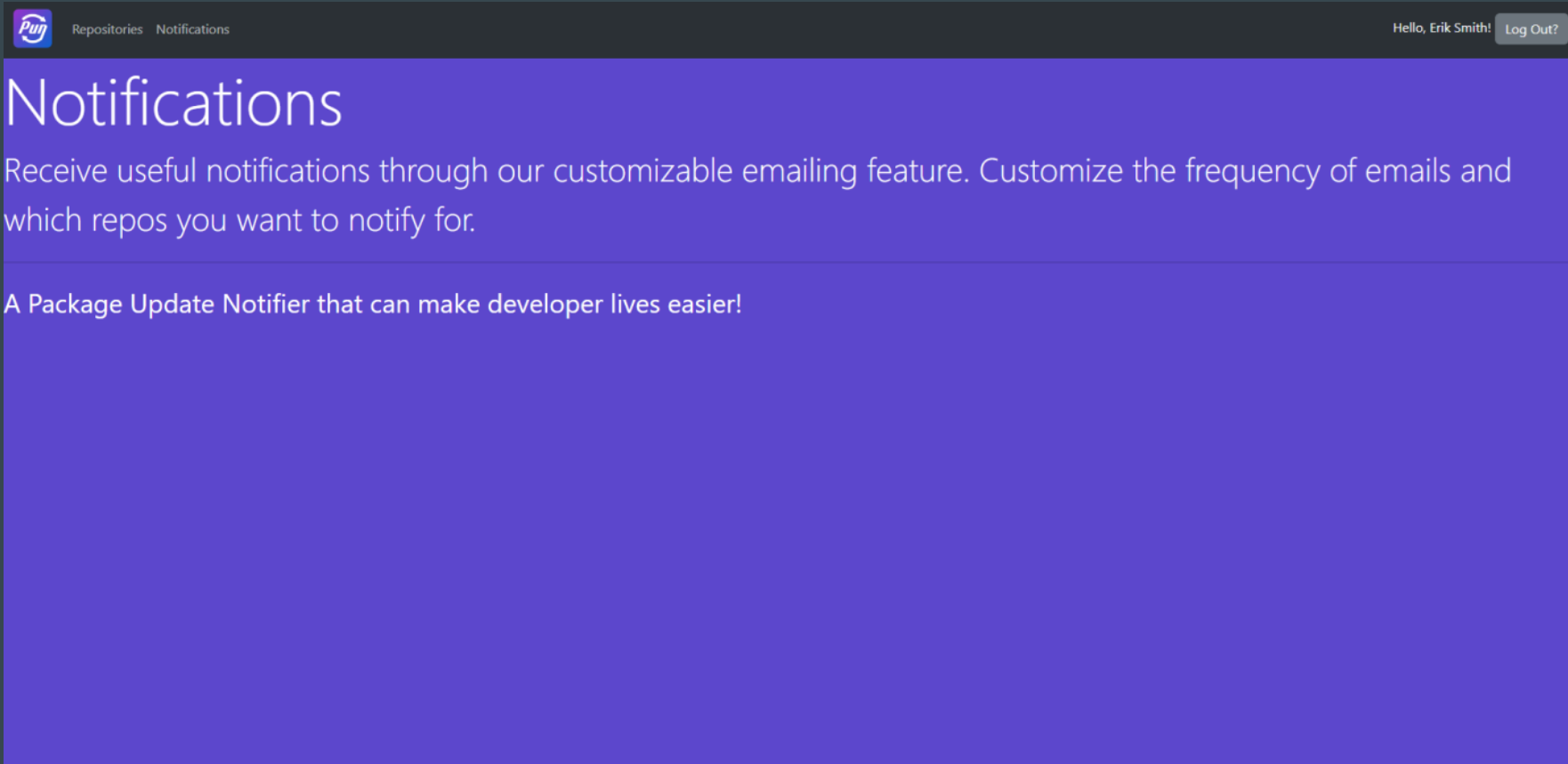
Repositories Notifications

Hello, Erik Smith! [Log Out?](#)

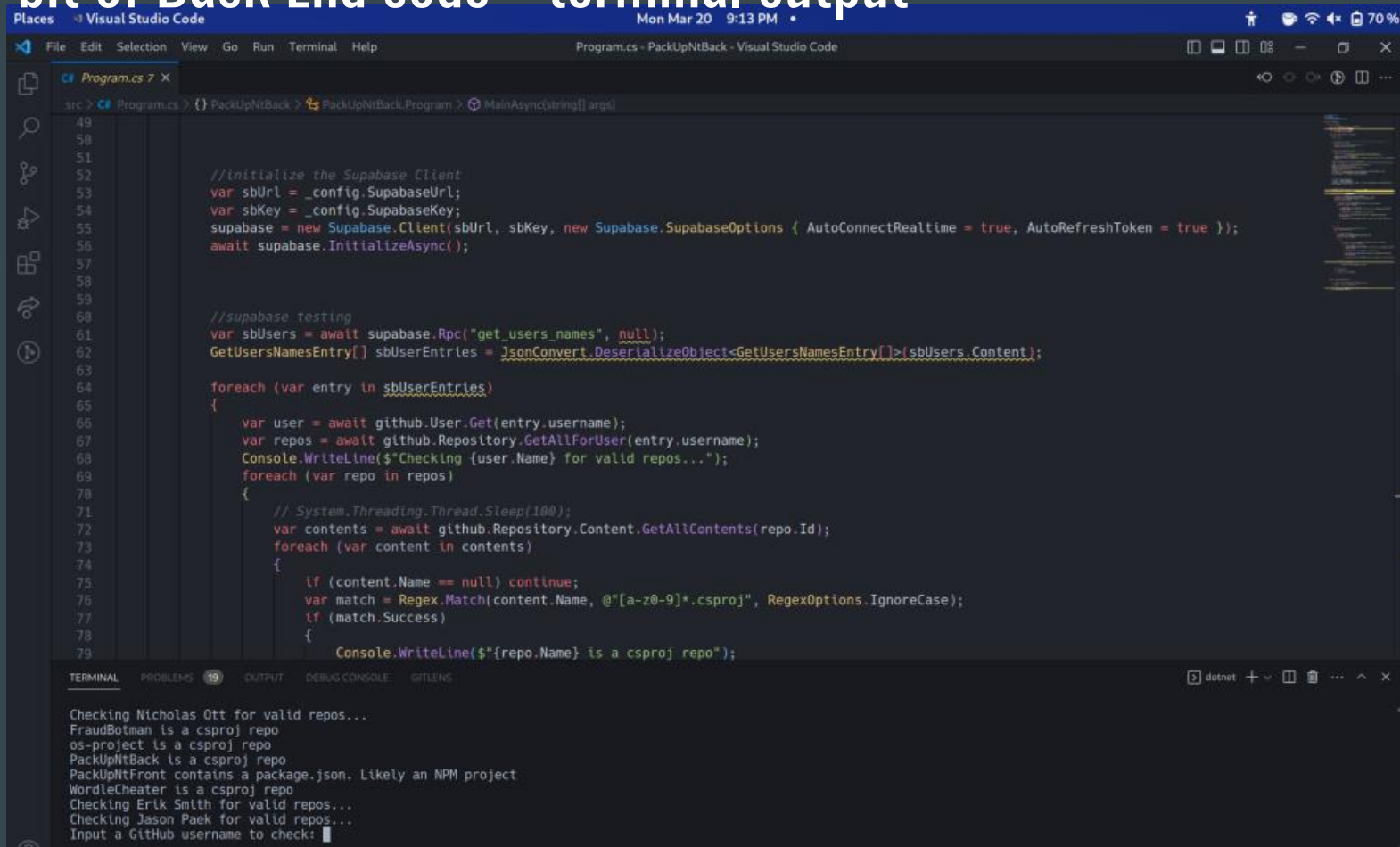
Repositories

An organized GitHub directory where you can view your repo projects and view current, most recent, and recommended updates.

Front End UI



Snip bit of Back End code + terminal output



The image shows a Visual Studio Code editor window with a C# file named Program.cs. The code is for a .NET application that interacts with Supabase and GitHub. It initializes a Supabase client, tests it by fetching user names, and then iterates through the results to check for valid repositories on GitHub. The terminal output shows the results of these checks for several users.

```
src > Program.cs > PackUpNtBack > PackUpNtBack.Program > MainAsync(string[] args)

49
50
51
52 //initialize the Supabase Client
53 var sbUrl = _config.SupabaseUrl;
54 var sbKey = _config.SupabaseKey;
55 supabase = new Supabase.Client(sbUrl, sbKey, new Supabase.SupabaseOptions { AutoConnectRealtime = true, AutoRefreshToken = true });
56 await supabase.InitializeAsync();
57
58
59
60 //supabase testing
61 var sbUsers = await supabase.Rpc("get_users_names", null);
62 GetUserNamesEntry[] sbUserEntries = JsonConvert.DeserializeObject<GetUserNamesEntry[]>(sbUsers.Content);
63
64 foreach (var entry in sbUserEntries)
65 {
66     var user = await github.User.Get(entry.username);
67     var repos = await github.Repository.GetAllForUser(entry.username);
68     Console.WriteLine($"Checking {user.Name} for valid repos...");
69     foreach (var repo in repos)
70     {
71         // System.Threading.Thread.Sleep(100);
72         var contents = await github.Repository.Content.GetAllContents(repo.Id);
73         foreach (var content in contents)
74         {
75             if (content.Name == null) continue;
76             var match = Regex.Match(content.Name, @"[a-z0-9]*.csproj", RegexOptions.IgnoreCase);
77             if (match.Success)
78             {
79                 Console.WriteLine($"repo.Name} is a csproj repo");
80             }
81         }
82     }
83 }
```

TERMINAL

```
Checking Nicholas Ott for valid repos...
FraudBotman is a csproj repo
os-project is a csproj repo
PackUpNtBack is a csproj repo
PackUpNtFront contains a package.json. Likely an NPM project
WordleCheater is a csproj repo
Checking Erik Smith for valid repos...
Checking Jason Paek for valid repos...
Input a GitHub username to check: █
```