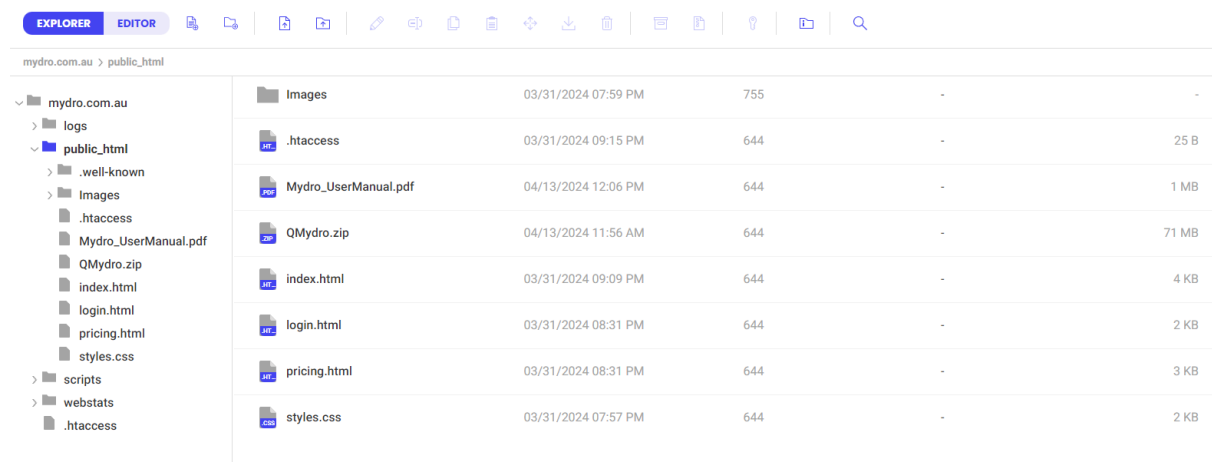


Request For Proposal

Background

I have some software I want to license that I have developed in C#, and have compiled as a .exe. On distribution, I plan for the software to contain a license key file. Which I imagine would consist of some string of characters. On software startup, the software will validate the license key to my website's database and continue the program normally if the license is still valid. I have an existing website Mydro.com.au, which is hosted by siteground, which has

a file manager that looks like:



The Requirement

I will need my website to manage user databases containing encrypted/hashed passwords. I do not want the software to require the user to login, so I want a website wide database containing every active license key. Within my C# code I will need some code that I can embed or call into the program on start up.

Security is not crucial to the licensing manager, my typical clientele would be established businesses who would not risk pirating/hacking the software.

Description of Works

Front End:

1. Development of "create new account page" which requires email, username and password
2. Configuration of existing login page to post requests to back end for login verification (users can login with username or password)
3. Profile Page Development
 - a. shows purchased license keys with expiration date
 - b. Employs stripe (or similar) api to renew / activate license key
 - c. Handle subscription-based purchasing through some method (maybe stripe api?)

Back End:

1. On account creation, generate a license key
2. User account database manager including email, username and password with associated license keys
3. License database manager which can be used from public requests to validate their license keys
4. Employ Stripe API or similar to process payments upon which activate the license key in the server's Database
5. Some C# script that I can employ embedded into my own script chat gpt suggested something that looks like this:

```
public class LicenseValidator
{
    private const string ValidationEndpoint = "https://mydro.com.au/api/license/valid

    public async Task<bool> ValidateLicenseKeyAsync(string licenseKey)
    {
        using (var client = new HttpClient())
        {
            var requestData = new { LicenseKey = licenseKey };
            var response = await client.PostAsJsonAsync(ValidationEndpoint, requestDa

            response.EnsureSuccessStatusCode(); // Throw if HTTP error

            var validationResponse = await response.Content.ReadAsAsync<ValidationRes
            return validationResponse.Valid;
        }
    }

    private class ValidationResponse
    {
        public bool Valid { get; set; }
    }
}
```

Quote

With the request including back and front-end development, can you please provide a cost estimate for something for this project, as I have no idea how much this will cost. If I had to give a ball park I would think around 1000-2000\$ however if explanation can be provided on any considerable amount of effort to do this project I am open to extending this budget. On confirmation I will send over login details for the website host (Mydro.com.au). I will also be providing any payments necessary for stripe api or similar.