

John S. Stritzinger
Project Proposal for CSCE242

PROJECT PROPOSAL PART1

Proposal Option1 – MyLinkV3.0

I previously took CSCE590 as a Graduate Student with Dr. Achanti, and we worked on a Certification Database where we built Azure scripts to track Certificates earned by Employees, and ISP users alike. I have been working on an extension of this platform/rebuild which would allow someone to enter an entire resume including certificates. To do this I had already rebuilt all the code for the class project and have ported a new auth structure to SQLITE. I would like to take this very large tool and make it customer ready/investment ready as it's a good user of time. The name of the Application is currently codenamed MyLink which is a variation of LinkedIn and has most of the same features.

Pages include Login, Logout, UserProfile, Admin/Manager, Resume View, Activities, Certifications, Interests, Reports/Utilities among many more. This is a very large app, which is built in part all in Javascript. MyLinkV2 is using a C# API set and HTML only. This version would be a React App end to end. Its also not finished. So this is a major port/rewrite.

Data Stored: User Personal Details in form of Online Vitae for unlimited numbers of users, user photos to Mongo DB using Express on NodeJS or PHP if we are allowed.

Proposal Option2 – FusionShell License Manager – fusionconsole.greenvilleassociates.com

I have an Opensource Software Solution called FusionShell. It has a default form layout and sample pages which currently are not connected to a post architecture. The solution runs on PHP now, and you saw a form of this in my research project. What I would like to do is build a licensemanager for the Installer so that when people download and install my tools, I get a license built on a public website. So this would be just for the Licensemanager which has a local component, and Network Utility for existing customers where they can view their licenses, and their subscription status, and buy more software, or upgrade software.

This is an important tool which I need to build anyway. The system creates a 30 day license now locally but it doesn't track it over the network. Its locally annoying after 30 days, assuming people would call to fix it.

Pages: LicenseManager Login, and Logout(requires Auth), License View, License Upgrade, BuyNew, Contact Support/Open A Ticket.

Data Stored: Users, Licenses, Access Logs, Heartbeat Data from the App, Shop Options/Cart.

Comments:

The first option is a bit complicated which Ms. Plante has seen in part as Auth exists in some form for what our team called the GhostPortal. However that wont work on Express so it would have to be rebuilt to the same standard using a different DB. I have a layout for the pages, but they don't support CRUD, and this would be an entirely new backoffice.

The second option is an entirely new build from the ground up but is a bit lower priority(although high priority) for my company Greenville Associates.

Thanks,
John