

**INDY-2—Package Update Notification****CS 4850 - Section 03 – Spring 2023**

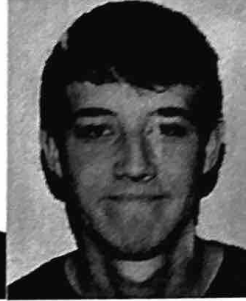
Date: 01/24/2023



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**Overview**

Thousands of lines of code and dozens of files are managed by you and your team as it is near complete; however, as the deadline sneaks up--BAM!--you are flooded with runtime errors from package update requirements within repositories. To remove the possibility of ever going through the painstaking effort of updating and checking every individual package to ensure that they are up to date, we will develop a website that should allow users to integrate with their desired repo website and compare versions of those packages to versions of their own respective repos. Additionally, it can send recipients emails reminding them to update their outdated packages, configure to allow exclusion of packages, check how far packages have to go out of date before needing reminder, and adjust frequency of these checks. Implementing this helpful tool will allow developers to fix any runtime error caused by outdated packages, and manage through their code and packages with ease.

**Project Team**

<b>Roles</b>	<b>Name</b>	<b>Major responsibilities</b>	<b>Contact (Email and/or Phone)</b>
Project owner	Nicholas Ott	Front+Back end developer project scope management critique project deliverables project detail provider	706-248-8301 nicsonfire4@gmail.com
Team leader	Jason Paek	Front end developer documenter team management meeting planning	404-277-5277 jasonpaek2000@gmail.com
Team members	Erik Smith	Front end developer documenter	770-377-9456 eriksmith98@gmail.com
	Haris Yosufi	Back end developer documenter	678-704-3103 Harisyosufi199@gmail.com
Advisor / Instructor	Sharon Perry	Facilitate project progress; advise on project planning and management.	Sperry46 in D2L !!

## **Project website**

We will be using the final website as our project website, which will be located at:  
<https://example.website>

## **Final Deliverables - Specific To Your Project**

1. A backend application built using .NET 7 and C# that will be able to handle the major processes of the application, including checking package validity, and sending notification emails out to end-users.
2. A website written using SvelteKit that should be accessible by the end-user, which would handle registering for the application, as well as user variables and settings.
3. Final report summarizing our project efforts and details.

## **Milestone Events (Prototypes, Research, Code Reviews, etc)**

#1 - By 3/17/23

- First Prototype
- Supabase database set up and functional
- Presentation of Prototype

#2 - By 4/7/23

- Completion of Website
- User authentication through Supabase set up and functional
- C-day Application

#3 - By 4/14/23

- Draft of final report

#4 - By 4/27/23

- Complete Website and functional backend application
- Complete Final Report
- Presentation with Demonstration

## **Future Milestone Meeting Schedule Date/Time**

- 3/13/23 Mon 5PM-7PM
- 4/3/23 Mon 5PM-7PM
- 4/10/23 Mon 5PM-7PM
- 4/24/23 Mon 5PM-7PM

## **Collaboration and Communication Plan**

The main methods of communication for this project will be through Discord. Google Docs will be utilized for collaboration on project documentation. All source code for both front end and back end will be on a shared Github repo. The team will meet weekly at predetermined times, based upon available schedule, in discord to discuss milestone objectives. They will also meet in person, as able, every one to two weeks.

## Project Schedule and Task Planning

1 INDY2—Package Update Notification

2 Project Name:

3 Report Date: 2/3/2023

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\* formally define how you will develop this project including source code management

## Risk Assessment (if applicable)

Package update notifier being incapable of sending out adequate/timely emails to users or accessing the update information for the repos.

## Version Control Plan

Utilize a Github repo for the project to submit all code and documentation.

Signed by:

  
Project Owner

Date

2/1/23