# Senior Capstone Student Logbook

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# Logbook Instructions

## Daily Log Instructions

The following is a **live document** that you’ll maintain and keep updating throughout senior year. It is a documentation of your contributions to the team’s work, the challenges you faced, and the learning. You also need to document collaborators and resources

## Bi-weekly Reflection Instructions

Every two weeks, you will need to turn in the full document, including previous history, new Log entries, and Bi-weekly Reflection section. You need to reflect on the product itself, the team and its processes and procedures, as well as your personal contribution and growth. Identify:

* What’ has been successful?
* What carries a high risk and needs immediate attention?
* What has a medium level of risk and may become an issue later?

## Daily Log:

*[Repeat the following for each day you work on the project]*

**Date:** 8/10/2023

**Entry:**

* Met with the team to address some of the thoughts and concerns with the application
* Discussed using user accounts vs no user accounts
* Discussed structure of database
* Discussed potential Azure resources

**Date:** 8/11/2023

**Entry:**

* Worked with Kerry to pull application into my personal machine
* I was able to get her application up and running
* All of her work was functioning on my machine, and we were good to proceed with work

**Date:** 8/12/2023

**Entry:**

* Spent time downloading Visual Studio and the accompanying extensions with the remainder of the group
* Installed Git and any additional software required for working on the application
* Successfully cloned the project on everyone’s machine and we were all successfully able to run the application

**Date:** 8/13/2023

**Entry:**

* Approved Kerry’s pull request as well as my own to get some of the work moving
* Spent time digging through the application and semi-restructuring the application’s MVC folder system
* Began working on my branch – **implementing-api-feature**

**Date:** 8/14/2023

**Entry:**

* Successfully implemented test **Cat Facts** API to ensure that we could hit it
* Implemented a new controller specifically for this in particular
* Spent some time reading Microsoft Docs to bring myself back up to speed in the world of C# app. development

**Date:** 8/15/2023

**Entry:**

* Finalized Cat Facts API work
* Added a new element to the nav bar that redirects the user to this API and allows them to learn new cat facts
* We will use this structure as a foundation and replicate it across the application – It often takes a bit of relearning when it comes to more tedious work like hitting an API controller, as well as some of the Razor associated with hitting an API controller
* Pushed and committed all of my work on the new branch, awaiting approval from team prior to merge

## Bi-Weekly Reflection

*[Repeat the following matrix and Challenges and Learning for each bi-weekly submission]*

|  |  |  |  |
| --- | --- | --- | --- |
|  | High Risk | Medium Risk | Low Risk/Good |
| Product | N/A | The team will need to discuss the costs associated with using the API we plan on implementing – we’ll bring this up in our team meeting | A good foundation has been developed for the controllers and we’ll be able to take what I did and implement it throughout the application |
| Team | N/A | N/A | Everyone seems to be able to run their machine without any issue |
| Self | N/A | N/A | I have a good understanding, alongside Kerry, as the direction we’ll need to take future development and how we’ll begin to implement pwn’d API |