**Lessons Learned**

**Plan AI**

**Team 1**

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**May 3, 2025**

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# Introduction

Our team has learned a lot of valuable information and experience throughout each phase of this project. Each member has learned to communicate and work together to solve problems that arose. A lot of the team’s success has come from learning what didn’t work, adjusting the plan, and communicating the changes with the team to keep everyone on the same page.

# Lessons Learned Approach

Throughout this project our team practiced consistent communication to identify and solve any issues and praise the successes as they came. Our team met via zoom twice a week to update each other on what progress has been made. Notes were taken to document and analyze any issues (or success) and then the updates to the code were made as the issues were solved. The storing and retrieving steps weren’t really necessary for this project since this is our first project.

# Lessons Learned from this Project

* Ensuring each team member had the correct environment set up on their computer from the beginning was a positive. It took a little bit of back and forth and some extra zoom calls, but it was essential to our success.
* None of us had ever used Github before, so there was a learning curve for everyone
* Originally, we configured XAMPP to use Apache, PHP and MySQL and discovered using only Apache through XAMPP worked best for our project.
* Some team members already have DBeaver using a specific port for other classes, so setting XAMPP to a different port to get things to communicate and work correctly.
* We were going to use Google Calendar API for our web page and realized that it didn’t quite fit into our scope and decided to use the Full Calendar library instead.
* Implementing Google Gemini was hard and

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| --- | --- | --- | --- | --- |
| Category | Issue Name | Problem/Success | Impact | Recommendation |
| Team | Environment set up | Figuring out how to get everyone’s environment on the same page. | Medium | Effective communication |
| Team | Github | No one on our team had used Github before | Low | Using resources online and following instructions from lecture |
| Development | XAMPP, Apache, PHP, and MySQL | Working out what worked best for our project and adjusting to fit our needs. | Medium | Look at multiple sources, plan ahead to work out any bugs. |
| Development | Configuring ports for software | Learning that the default port for XAMPP MySQL was the same as DBeaver. | Medium | Using multiple resources and communication |
| Development | Implementing a calendar | Going through the process of adding Google Calendar and realizing it wasn’t quite what we wanted/switching to Full Calendar and implementing that. | Medium | Using resources online |
| Development | Implementing Google Gemini | Figuring out how to successfully get Google Gemini to fetch data from our database. | Medium | Using the many online resources available to us along with communication among team members. |

# Lessons Learned Knowledge Base / Database

This document is our knowledge base/database along with the posted previous projects that had been done.

# Process Improvement Recommendations

The only improvements would be to learn from the issues that we had for this project and apply the knowledge we gained in any future projects.

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