Part One

Take one of the bugs you found through testing, or reviewing and create a story, and add it to the backlog. We haven't really done any testing as a database team yet, but we have looked at some possible tools we can use, like Postman.

Part Two

Research on DevOps:

- ➔ https://en.wikipedia.org/wiki/DevOps
- ➔ https://www.atlassian.com/devops
- ➔ https://aws.amazon.com/devops/what-is-devops/#:~:text=DevOps%20is%20the%20combination%20of,development%20and%20infrastructure%20management%20processes.
- ➔ https://tech-stack.com/services/devops?gclid=CjwKCAiAu9yqBhBmEiwAHTx5p1i56N_egOvX0AyU-VagpzT5Luyb1ylP_D4CNO1XxLRcr2fajXsOXRoCH6QQAvD_BwE

Identify the stages and tools used at each stage:

1. **Plan** - Design a project plan to optimize business impact and produce the intended result. Tools used could be any document or site like Jira.
2. **Code** - The code is being developed using lifecycle DevOps tools and extensions. Like git, Github, or Visual Studios.
3. **Build** - After the coding task is done, submit the code to the common code source. Use tools like Maven or Gradle. Or Github once again.
4. **Test** - To assure software integrity, the product is first delivered to the test platform to run several different kinds of tests. Ex. tools like JUnit.
5. **Release** - At this point, the build is prepared to be deployed.
6. **Deploy** - Publishes the build using various DevOps lifecycle tools.
7. **Operate** - Users use the product. In our case, it is a web page.
8. **Monitor** - Gather data on how it works so we can improve or catch any problems.

Pick one of the tools and provide a summary of what the tool does.

Git: is an open-source distributed version control system that is available for free. The Git source code is hosted on GitHub, from where it can be downloaded or installed. It is a great DevOps Lifecycle tool and it is good for both small to large projects. It allows you to track the

progress of your development work. You can save different versions of your source code and return to a previous version when necessary.

Part Three

Update your personal development folder with your reflections and status.
https://github.com/MckennahPalmer/GitHub-Training-Notes

For each story you complete or work on, include a link to the SDF. I am helping with the Database: User Account Model.

https://drive.google.com/drive/folders/11CxAckliWA0d7SY-RA7CFs2ytQILHhIV

Part Four

Provide your meeting minutes notes and results.

- ➔ I made it to all of the meetings except for the last Thursday. We talked about tools for DevOps and had a SCRUM meeting for those who were there.
- ➔ I also made it to most of the team meetings this week. We were checking to make sure everything was connected and working. And that the backend could use it.

Bi-Weekly Status Report

Name: McKennah Palmer

Project Title: Acorn Nursery

Overall Status: Behind by a little, we have yet to set up tests and do testing.

Summary of Project tasking
Include the following:

- ➔ **Meeting attended and minutes:** 2 class meetings and 1 class meeting missed. 2 hours in all. 1 and a half team meetings. Had to come very late to the second team meeting. The first meeting was 90 minutes and made it to the last 20 minutes of the other.
- ➔ **Training notes Summary:** DevOps, tools, and the lifecycle.
- ➔ **Stories assigned:** Database: User Account Model and making tests
- ➔ **Project artifacts and notes identified in project tasking:** Issues #45 and #46. Both are labeled Epic: User account, Database, and Enhancement.

Include a self-evaluation of the rubric for the project development's rubric

Number of Hours

- ➔ **Number of Hours worked this week (expectation: 7-9 hours):** 8 hours both weeks.
- ➔ **Total Number of Hours this semester (anticipated 120/semester):** 71.5 hours so far this semester.

Accomplishments (since the last status report), include completed stories.

- ➔ **Number of Story Points completed:** 6
- ➔ **Number of Stories completed:** 6
- ➔ **Personal Velocity (Points/Stories):** 1
- ➔ **Project Velocity (Teams Points/Teams Stories):** 1
- ➔ **Earned Value (Actual Points/Hour - Estimated Points/Hour): (**6/56) - (8/64)?
- ➔ **Performance**
  - ◆ **Last Week's Performance Average (Actual Total Points/ Total Hours):** 1/7
  - ◆ **This Week's Performance (Actual Points/Hours):** 0? Still working on it.
- ➔ **Challenges encountered and resolutions found (since the last status report):** Getting the connection to work every time. We think that has been resolved and we will write instructions for the backend or anyone who may need it.
- ➔ **Plans/Goals/Tasking for the coming week/sprint.**
  - ◆ Finish Database: User Account Model
  - ◆ Catch up to where we want to be on our project prototype
  - ◆ Make sure instructions are add
  - ◆ **Follow-up/Reporting**
    - No other Comments.