**Sprint 4 Report - CSE 115A – Kondition**

**(May 21 - June 3, 2025)**

### **Actions to Stop Doing**

* **Stop leaving documentation for later**: Some features lacked usage instructions or comments, which made it harder to onboard new contributors and debug issues.
* **Stop pushing features right before deadlines**: Last-minute pushes caused stress and limited our ability to test thoroughly before demos or reviews. We’ll plan to finish core features at least one day before key deadlines.

### **Actions to Start Doing**

* **Start writing brief documentation or usage notes for each major featur**e: Even a few lines of explanation can help with testing, demo prep, and future development.
* **Start testing for edge cases and error handling**: Now that the core features are built, we should ensure the app handles invalid input and unexpected behavior gracefully.

### **Actions to Keep Doing**

* **Keep using branches for all development**: This helped reduce bugs and made our collaboration smoother. It also gave us cleaner Git history.
* **Keep collaborating through Discord voice channels**: Staying in voice during development allowed us to solve problems faster and stay aligned.

### **Work Completed**

* Connected backend to persistent database
* Enabled user authentication using token-based login
* Implemented workout completion + summary screen
* Basic workout history functionality added (retrieving past sessions)
* Final UI polish and bug fixes for demo
* Sprint presentation slide deck completed
* Completed documentation

### **Work Not Completed**

* Full workout history filtering or analytics (e.g., view by date)
* Error handling and fallback behavior for failed requests

### **Work Completion Rate**

* 7 tasks completed
* ~28 hours of estimated ideal work hours
* 14-day sprint
* ~2 work hours/day
* ~0.5 tasks/day