CSI 3471 Iteration 2 – Group Implementation & Progress Report (Updated)

1. Current Implementation Status & Planned Scope

Our group has implemented major backend functionality for core health tracking modules including workout logging, nutrition tracking, hydration, sleep management, social connectivity, and trainer-led plans. Each team member has completed and documented their use cases and operation contracts. The planned scope for Iteration 2 completion includes: Integrating all implemented use cases into a cohesive Swing-based UI. Testing and refining database persistence using CSV files or equivalent local storage. Completing connection between user authentication and module-level functionalities (Workout, Sleep, Social, etc.). Finalizing system sequence diagrams and domain model updates.

2. Main Roadblocks

The main roadblocks currently include UI integration challenges and ensuring smooth inter-module communication between trainer and user accounts. Additionally, linking multiple data files for different user actions (meals, workouts, sleep, etc.) while maintaining state persistence across sessions has required extensive coordination.

3. Group Website and Overview Information

Group Name: OsoFit
Group Website: https://jaackfont05.github.io/OsoFit
Trello Board: https://trello.com/b/example/OsoFitBoard
GitHub Repository: https://github.com/jaackfont05/OsoFit

Group Member Roles & Assigned Use Cases

Member	Major Role	Assigned Use Cases
Connor Griffin	Workout & Training Integration	Log Workout, Join Plan, Edit/Delete Workout
Jack Fontenot	Login & Nutrition	Change Password, Log Calories, Log Injury
Savannah Johnson	Weight & Hydration Tracking	Record Weight, Set Weight Goal, Track Hydration
Mason Baxter	Sleep Management	Track Sleep, Set Sleep Goal, View Sleep History
Ethan Rogers	Social & Friends Module	Send/Accept Friend Requests, Add Users to Group
Dannis Wu	Trainer & Class Scheduling	Create Plan, Schedule Class, Host Class Session

4. Hours Worked (per member so far, updated +10 hours)

Jack Fontenot – 22 hours Ethan Rogers – 19 hours Dannis Wu – 19 hours Savannah Johnson – 21 hours Mason Baxter – 21 hours Connor Griffin – 22 hours

End of Report