**Group 4: Event-Sequence Diagram Brainstorm**

**Example 1:**

**Program**->Asks: “Would you like to join "Cyber Fitness?"

**User**->Answers: Yes or No (If no program closes)

**User**->Inputs: Yes = Creates username & password w/password criteria

**Program**-> Displays: “Welcome Message: Welcome to Cyber Fitness!”

**Program**-> Asks: “What classes would you like to join?”

**Program**->Displays: 1) Kickboxing, 2) Bike Cardio, 3) H.I.T, 4) Swimming, 5) Yoga

**User**->Inputs: 1, 2,3,4,5 etc. to select class at least (when first joined user MUST join at least 1 class?)

**Program**-> Verify: Checks of user’s input matches an actual class option (if not require user to re-enter input)

**Program**-> Asks: Would you like to join anymore classes?

**User**-> Inputs: Yes of No (If no, Program continues to run and display class schedule)

**User**->Inputs: Yes = Program Displays class again & user inputs 1-5 to join another class)

**Program**->Display: Shows Class Schedules to User & Class Data (Calories Burned, length of class, weight loss per session, etc.)

**Program**->Prompts Input: Enter Starting Fitness Data (Age, Weight, Height, etc.)

**User**->Inputs: Fitness Data

**Program**->Asks: What is your target fitness goal (weight, complete # of class sessions)

**Program**->Asks: How many class sessions with you complete today?

**User**-> Inputs: number of class sessions

**Program**-> Displays: Fitness Data (calories burned, weight loss, etc.)

**Program**-> Asks: Would you like to continue working out today? (If yes, ask which class would you like to take? & how many sessions)

**User**-> Answers: Yes or No (if answers No, Program->Display: Great workout today! See you next time!)

**Program**-> IF Yes, Ask: Which class would you like to take? + How many sessions (Cycle continues until user wants to end workout session)

**Suggestions to Group for Program**

- We should require at least 1 class to be joined by user

- Each class will have class data: total of calories burned each class session, weight lost each session, & etc. to help determine when user will meet their target fitness goal

- Have user join class 1 at a time & ask them if they want to join more class; then display each class data and schedules after they finish selecting classes to join

- Program verifies user input to make sure they selected an appropriate number to join a class the system offers/If wrong input is given program prompts user to re-enter correct number for class to join

- Program ask user how many session they would like to complete today

- Program ask user if they would like to continue working out & if they answer no, program ends and gives exit message to user/If they answer yes then continue cycle until user is ready to finish(or potentially put a limit to the number of classes users can do each day)