

Group 4: Owen McQuaid - Backend

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## Workout Tracker App - Backend Function Points Analysis

Internal Logical File (ILF):

None for backend development.

External Interface File (EIF):

None for backend, all of this will be handled in the front end.

External Input (EI):

- Add New User: Processes incoming data for new users, including `user\_name` and initial settings, and stores this information in the database.

- Log Workout: Accepts workout entries from users, including details such as `user\_id`, `exercise\_id`, `duration`, and `date/time`, and stores this information in the database.

External Output (EO):

- Workout Statistics: Sends generated statistical data to users, including total workouts completed and other statistics about their workouts.

External Inquiry (EQ):

- Fetch Workout History: Allows users to view their previous workouts based on queries, without modifying any data.