**Fitness-Tracker (Features)**

**Features and Functionalities**

1. **User Authentication and Management**:
   * **User Registration**: Users can create accounts by registering with a username, password, and personal fitness goals.
   * **User Login**: Users can log in using their credentials to access their profile.
   * **User Logout**: Users can log out, which invalidates their session.
2. **Workout Tracking**:
   * **Create Workouts**: Users can log their workouts, specifying the type of workout (e.g., running, cycling), duration (in minutes), and calories burned.
   * **View Workouts**: Users can view a list of all workouts they have logged.
   * **User-Specific Workouts**: Users can see only their workouts, allowing for personalized tracking.
   * **Workout Details**: Users can access details of individual workouts to review specific information about each session.
3. **Data Storage**:
   * **SQLite Database**: User and workout information is stored in a SQLite database, allowing for easy management and retrieval of data.
4. **RESTful API**:
   * **Endpoints for Workouts**: The application provides API endpoints to list, create, and retrieve workout details. This enables integration with front-end frameworks or mobile apps.
   * **Serializer for Workouts**: The WorkoutSerializer converts workout data to and from JSON format, facilitating easy communication with front-end components.
5. **User-Friendly Interface**:
   * Although not explicitly shown in the backend files, the React components suggest a user-friendly interface for registration and workout logging.
6. **Data Management**:
   * The Workout model is linked to the User model via a foreign key, establishing a clear relationship between users and their workouts, ensuring that workouts are associated with the correct user.