**Project Description 4: VitalLog - Health Metric Logger**

* **Concept: A web application allowing users to manually record and view key health metrics like blood pressure, weight, blood sugar, etc.**
* **Objective: Build a secure full-stack application for authenticated users to log and monitor their personal health metrics. This project focuses on CRUD operations, user ownership, and features for filtering recorded metrics and displaying a recent summary.**
* **Core Entity: HealthMetricReading**
* **Key Features:**
  + **Authentication: Simple user registration and login. All metric readings must belong to the logged-in user.**
  + **CRUD Operations:**
    - **Create: Record a new metric reading (e.g., Metric Type, Value(s), Unit, Date & Time Recorded).**
    - **Read: List all recorded metrics for the user. View details of a single reading.**
    - **Update: Edit an existing metric record.**
    - **Delete: Remove a metric reading record.**
  + **Unique Feature - Filtering & Summary:**
    - **Implement filtering options on the metric list view (e.g., filter by Metric Type: 'Weight'/'Blood Pressure', filter by Date Range: "Last 30 days").**
    - **Add sorting capabilities (e.g., sort by Recorded Date).**
    - **Display a simple summary value (e.g., "Latest Weight Reading: W kg") prominently on the page, potentially updating based on the selected filter.**
  + **Responsive UI: Ensure the application is usable on different screen sizes using basic responsive design or a CSS framework.**

**Deliverables: A working full-stack application demonstrating all features, with source code available.**