Here's the bilingual version of weekly progress report.

2025-04-21 ~ 2025-04-27 (This Week)

- **数据库构建完成** / **Database Construction Completed**
  ✅ Database 表结构已确定，文档已上传 / Database schema finalized and document uploaded: DSD数据库表结构介绍.pdf

- **数据清洗**
  数据时间对齐完成。采用最近邻的方式 / Data time alignment completed using nearest neighbor interpolation.

2025-04-14 ~ 2025-04-20

- **数据流与业务逻辑设计 / Data Flow and Business Logic Design**
  📄 完成数据流设计文档，明确传感器→前端→服务器的传输逻辑 / Completed data flow design document clarifying sensor→server→frontend transmission logic: [Data组设计文档](#)
- **测试用例设计 / Test Case Design**
  🔧 编写测试用例文档，覆盖核心功能（数据采集、处理、分析）/ Created test case documentation covering core functions (data collection, processing, analysis): [测试用例设计文档](#)

2025-04-07 ~ 2025-04-13

- **系统架构与技术路线测试 / System Architecture and Technical Roadmap Testing**
  📊 确定技术栈：Python（数据处理），MySQL / Tech stack confirmed: Python (data processing), MySQL
- **系统架构终版 / Final System Architecture**
  📄 发布最终版需求文档 / Released final requirements document: [数据库技术路线图](#)

2025-03-31 ~ 2025-04-06

- **系统架构与技术路线测试 / System Architecture and Technical Roadmap Testing**
  📊 确定技术栈：Python（数据处理），MySQL / Tech stack confirmed: Python (data processing), MySQL
- **需求分析文档 / Requirements Analysis Document**
  [EN_Software Requirements Specification 1.0.pdf](#)

2025-03-24 ~ 2025-03-30

- **需求分析进行中 / Requirements Analysis in Progress**
- **首次数据采集 / Initial Data Collection**
  🔬 使用 WIT IMU 传感器通过蓝牙传输数据至笔记本（课堂实验）/ Collected data using WIT IMU sensors transmitted to laptop via Bluetooth (class experiment).

2025-03-17 ~ 2025-03-23

- **核心任务分工 / Core Task Allocation**
  🤖 确定团队职责：实时数据处理、降噪、健康评估 / Team responsibilities defined: real-time data processing, noise reduction, health assessment.
- **用例图与文档 / Use Case Diagrams and Documentation**
  📝 完成模块用例图 / Completed module use case diagrams (Reference: [Module Use Case Diagram]).

2025-03-10 ~ 2025-03-16

- **项目启动与规划 / Project Launch and Planning**
  🎯 站会确定整体设计，完成甘特图 / Stand-up meeting finalized overall design and Gantt chart.
  🚀 网站部署上线，支持项目动态展示 / Website deployed to showcase project updates.

关键进展 / Key Milestones

1. **数据库就绪 / Database Ready** (2025-04-21)
   patient/doctor info
   history sensor
   analyzed

2. **系统架构、数据流确定 / System Architecture and Data Flow Finalized** (2025-04-08)

3. **需求分析定稿 / Requirements Analysis Finalized** (2025-03-31)

4. **分工确定 / Roles and Responsibilities Defined** (2025-03-16)