

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](#)
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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](#)
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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](#)
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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).
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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]).
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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.
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关键进展 / Key Milestones

- 数据库就绪 / Database Ready (2025-04-21)
 - patient/doctor info
 - history sensor data
 - analyzed
- 系统架构、数据流确定 / System Architecture and Data Flow Finalized (2025-04-08)
- 需求分析定稿 / Requirements Analysis Finalized (2025-03-31)
- 分工确定 / Roles and Responsibilities Defined (2025-03-16)