

Health Data Integration Website Project

Data Source Clarification

- [x] Research Strava API integration options
- [x] Research HealthifyMe API/export options
- [x] Clarify sleep tracking data source and access method
- [x] Clarify blood reports format and access method
- [x] Clarify medication tracking method
- [x] Clarify additional workout data sources beyond Strava

Design Phase

- [x] Design database schema for all data sources
- [x] Design API endpoints for data integration
- [x] Design frontend wireframes
- [x] Design chat interface and query functionality

Implementation Phase

- [x] Set up Flask backend project structure
- [x] Implement database models
- [x] Implement Strava API integration
- [x] Implement HealthifyMe data integration
- [x] Implement Apple Health integration
- [x] Implement Hevy workout data integration
- [x] Create PDF upload and parsing for blood reports
- [x] Implement medication tracking system
- [x] Develop chat and query functionality
- [x] Implement data insights generation
- [] Implement chat functionality with data query capabilities

Testing and Validation

- [x] Test data integration from all sources
- [x] Validate chat and query functionality
- [x] Ensure cross-source data insights work correctly

- ☒ Validate chat query functionality
- ☒ Test overall system performance
- ☒ Prepare deployment package

Delivery

- ☒ Create comprehensive README documentation
- ☒ Prepare final deliverable package
- ☒ Deliver access instructions to user

Deployment

- ☐ Deploy application
- ☐ Provide access instructions to user