M6 Status Report: Bike Checkup

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1. Progress

Our progress is captured in detail through our Trello board. Below is a summary of our progress:

Type	In Progress	Completed
Back-end	- Setup back-end repositories and services	- MongoDB setup - Schema model creation - AWS server setup
Front-end	- User-friendly UI for most screens	- Basic screen navigation - Basic text and buttons on maintenance screen to display prediction data
Use Cases	- Connect database functions to complex algorithm	- Complex use case algorithm - Push notifications - Strava API authentication

2. Next Milestone Plans (M7)

Plans for M7 mainly consist of code refactoring and setting up back end services. Code refactoring includes moving code, adding documentation, cleaning up unnecessary code and optimizing algorithms. Code refactoring will allow for a clean project for testing and code review. Back end services also need to be implemented to connect the front end application with the back end database. Some of the back end services were not fully implemented for milestone 6 MVP but will be required for testing in milestone 7.

3. Major Decisions & Changes

No major changes were made to the scope of the project as submitted in milestone 3 and 4.

4. Contributions

Name	Contributions
Amanda Lazar	- Set up Strava API calls and authentication - Implemented local push notifications
Brennan Cathcart	- Set up UI screens for MVP and stylized UI
Cindy Yuan	- Implemented schema for database - Set up MongoDB - Implemented complex logic use case
Connon Shannon	- Designed and implemented schema for database - Set up AWS server - Set up backend repositories and services and apis - Implemented remote push notifications