**Kickoff Meeting Minutes**

**Call to Order**

A kickoff meeting for the IT Capstone project Comprehensive AI Architecture to Monitor and   
Predict Heart Rate during Physical Exercises on August 29th at 5:00pm EST.

**Attendance**

Aaron Bemis

Alex Boyett

Talia Brooks

Jack Morris

**Sponsor**

Professor Linh Le

**Members not in attendance**

Lauren Bailey

**Sponsor Reports**

* Project introduction
* Heart rate monitoring can offer benefits like recommendations of personalize exercise and can detect heart rate anomalies and potential issues.
* Including environmental data with personal data can help with predictive modeling since outside conditions will be considered.
* Raw data from the Endomondo data needs to be split into single lines of data. Geographical data needs to be added to the raw data. This will be the fields for city, state, and zip code. Weather data needs to be added to the raw data. This will be the fields for temperature, humidity, and precipitation.
* An example of a Milestone 1 deliverable was presented to the group.

**Next Steps**

* The team is to pull the raw Endomondo data, research Python libraries and tools called Pandas, Meteostat and Geopy.
* Each piece of collected data needs to then be combined with the raw data to meet the requirements of the Milestone 1 deliverable.
* Setting up server access so each team member can view the data, programs, and progress of the project