

Introduction

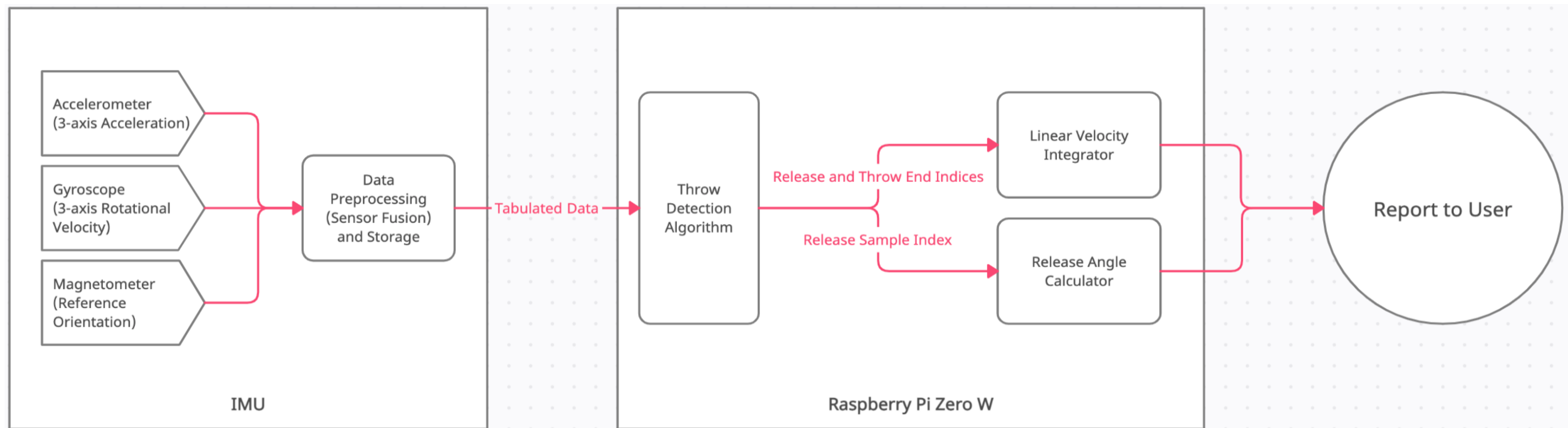
Disc golf is a sport that is growing rapidly in popularity. At present, there exists no product designed to give quantitative feedback to a disc golf athlete about their technique. Enter the Ri-disc-ulous.

Goals

- Accurate disc throw metrics
- Flight unaffected by hardware
- Durable and robust design
- Easy to use
- Useful to disc golf athletes

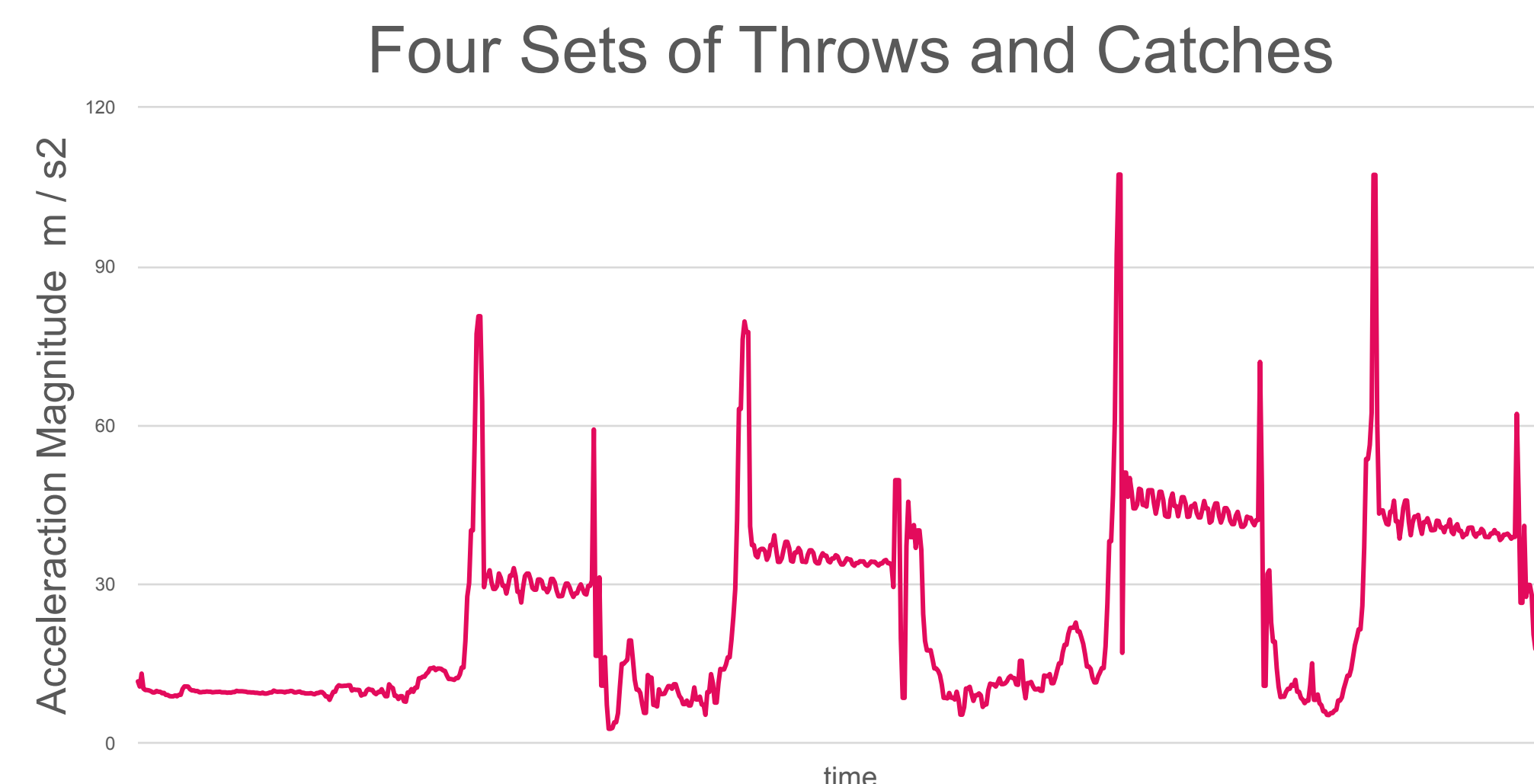
Challenges

- Sensor limitations
- Highly variable disc flight
- Corroborating data
- Compressed timeline
- Remote work



Accomplishments

- Hardware doesn't impact flight
- Long battery life with minimal weight
- Accurate throw detection software
- Calculates release angle and release velocity



Future Directions

- Improve accuracy of release velocity
- Add additional metrics such as throw stability
- Bluetooth communication
- Mobile user interface