

## Meeting Minutes

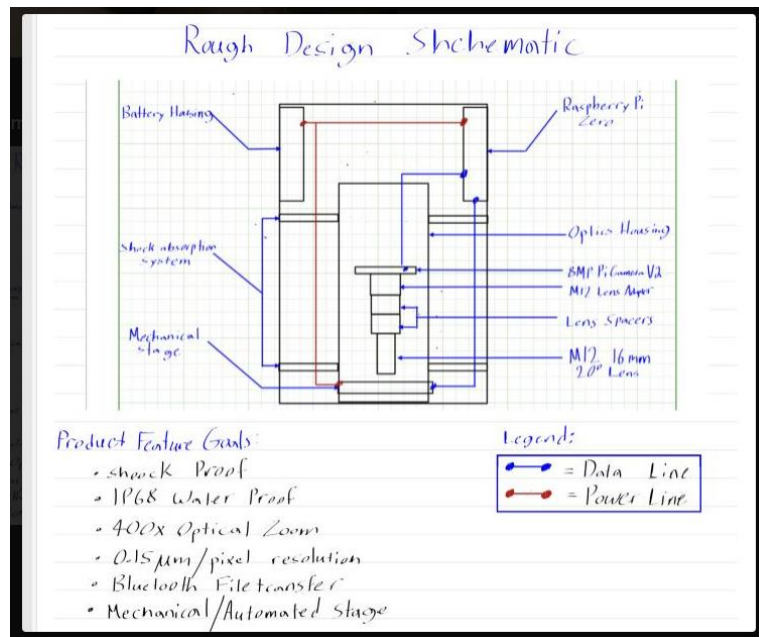
**Date:** September 17th, 2019

**Time:** 5:00 pm-6:00 pm

**Objectives:** Brainstorm Rough Design Ideas

### Meeting Items:

- Brainstormed questions for the client.
  - Battery Life preference?
  - Stand-alone device/ Controlled through app on phone
  - How much rugged?
  - Size constraints
  - Zoom out range?
- Design Idea



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- Raspberry Pi Zero
- Optical component is enclosed in primary housing
- M12 16 mm 20-degree lens
- M12 Lens Adapter
- 8MP pi camera
- LED light ring?
- Internal Speaker?

- Layer inside of optical housing with Carbon Black?
- Use LED light with temperature range of day light
- Shock Absorbing technology?
- Will made a 3D CAD design
- Design Ideals
  - IP68 (Ideal) Dust/Waterproof
  - 400x Optical Zoom
  - 0.15 microm/pixel resolution
  - Bluetooth file transfer
  - Mechanical/Automated Stage
  - Shock proof