

# Lense and Tripod Phone Case

Frozen Burrito Legion

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# Project Outline

- A phone case designed for the aspiring photographer with no DSLR
  - Back camera lens mount
  - Storage for 3 lenses and a small microfiber cloth
  - A mount for a standard tripod
- Unique combination of tripod mount and lens attachments

# Project Design

- Snap on rubber case base for shock absorption with harder rubber for sliding male
- Sliding fit plastic cover for lens compartment on back
- Sliding fit for lens mount with possible lock mechanism
- Clearance fit internal threads for tripod dock
- Clearance fit pads in front of lenses in storage to protect from damage

# Project Challenges

- Case thickness
- Lens storage - space required vs. effective design
- Locking mechanism for lense and case cover
- Durability of sliding case/ impact tests

# Pictures

