

Mobile Gastroscopy Capsule Device

Status: Filled

Group Members:

and send the data to an external storage. Our aim is to have a battery life of about 6 to 8 hours (similar to similar products in the market.

Product Deliverables:

Create a capsule sized controllable accessory that can be taken orally to provide vital information to medical staff. This capsule will record and transmit video of the interior of the digestive system. This capsule will also be controllable to adjust what is recorded. The capsule will pass through the patient through natural means.

Timeline Deliverables:

Month 1	Goals and Project Proposal (due in week 2-3)
2	Alternative to the design, functionality report (due in week 5)
3	Small detail, inter-locking parts, SolidWorks models, specification report (due in week 9)
4	Review and purchase, Presentation and Progress report (due in week 13-14)
5	Test Camera, transmit and receive to the hard drive (Core Assembly)
6	Mount on the engine and test the mobility with controller(Travel Assembly)
7	Final assembly (Outer Shell), Receiver and data processing, integration and testing
8	Troubleshoot