Pilot videos project

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Report to the BoG
Project scope

- **Objective:** Create two videos showcasing IT applications
  - **Target:** 5-6 minute videos for a broad audience
  - **Model:** Khan academy-style videos (short, focused, pedagogical)
  - **Audience:** youtube channels, social media, etc.

- **Topics covered:** MIMO and Network Coding
  - **MIMO:** already in standards, technology behind wireless communications
  - **Network coding:** benefits of coding vs pure routing, connected to storage, etc.
  - Decision to shy away from theoretical notion of “capacity” for now
  - Many of opportunities for other topics down the road if successful
Logistics

- **Budget**
  - Part of Shannon Centennial effort
  - Production cost ~$2,000 per minute of video (production and editing included)

- **Main contractor**
  - Brit Cruise, popular youtube channel and active within Khan academy
  - [https://www.youtube.com/user/ArtOfTheProblem](https://www.youtube.com/user/ArtOfTheProblem)
  - Designed the information-theory videos for Khan academy
  - [https://www.khanacademy.org/computing/computer-science/informationtheory](https://www.khanacademy.org/computing/computer-science/informationtheory)
  - Connected to other contractors for music, animation, etc.

- **Current effort**
  - Outlining script for videos (let us know if you want to help!)