

# project proposal

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- **objective:** create a good ASR model on smart home (or other simple scenario) commands
  - given ~30? minutes of individual speech
  - given ~5 hrs of multi-speaker speech (domain?) for one language variety
- **keywords:** ASR, Low Resource Languages, Smart Home Control, Data Augmentation, TTS, VC, etc.
- **proposed resources**
  - base ASR model: (? whisper small)
  - dataset:
    - domain-specific (smart home):
      - [fluent speech command - en](#)
    - general topic: [Magicdata](#)
      - one of the dialect varieties
  - TTS model: ?