

## Sound Assist Meeting Minuets 3-1-2017

### Discuss design options:

#### Option one:

Basic amp with analog filter controlled by a POT knob

Pros: cheap, simple, fast, basic design, small package

Cons: basic functionality, non modifiable, limited options

#### Option Two:

Micro controller with digital EQ chip and an amp

Pros:

Cons:

#### Option Three:

Micro controller with digital EQ chip and an amp. Use speech recognition algorithms to detect or separate speech to amplify it.

Pros: maximum Quality, most control, flexible and dynamic

Cons: complicated initial design, potential audio delay

### Action Items:

Gant Chart

Budget

Wiki meeting minuets

Snapshot materials