* hardware
  + Breadboard prototype
    - ~~Uart interface~~
    - Slider input
    - ~~Sd output~~
    - Audio mux
    - Battery
    - Light
    - Indicator disp
    - Test software
      * Sd playing
      * Basic BT playing
      * Audio mixing
      * Slider test
      * Basic slider control
  + Mechanical design
    - Enclosure design
    - Transducer positioning
    - pcb outline
  + Schematic design
  + Pcb layout
    - Layout
    - Routing
    - check
* Software
  + Slider input
  + Menu system
    - Menus
    - Flow diagram
    - User output
  + Sd playing
    - Long file names
  + Bluetooth playing