

SITUATION IMPACT STATEMENT

Design a cajon extension interface to be used by players of various skill levels to be more expressive and creative with their playing through sound synthesis, that can be integrated with the USB MIDI protocol.

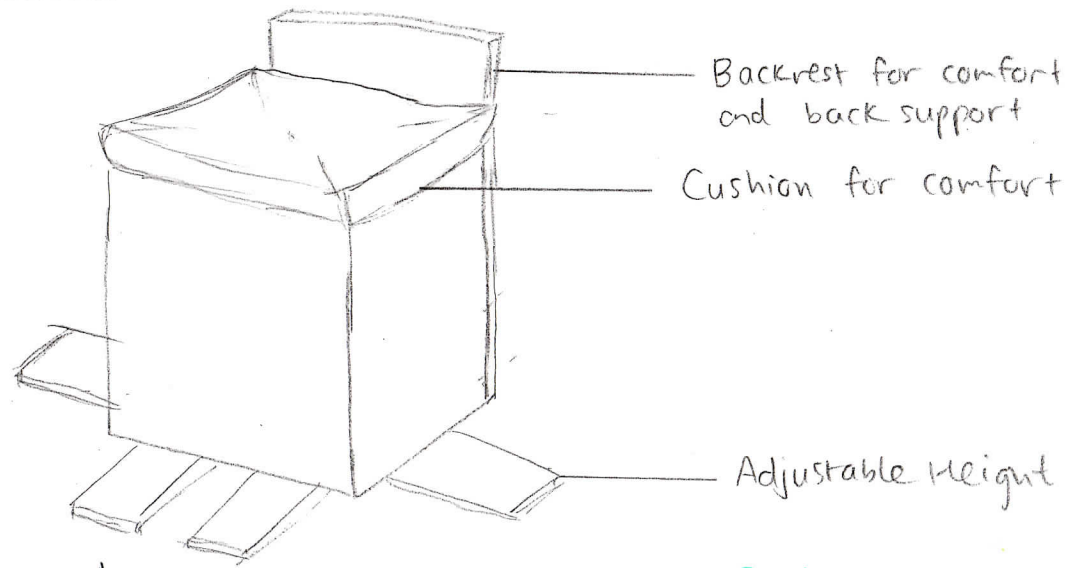
PRIMARY USERS

- ↳ Cajon players
- ↳ Electronic hand drum players

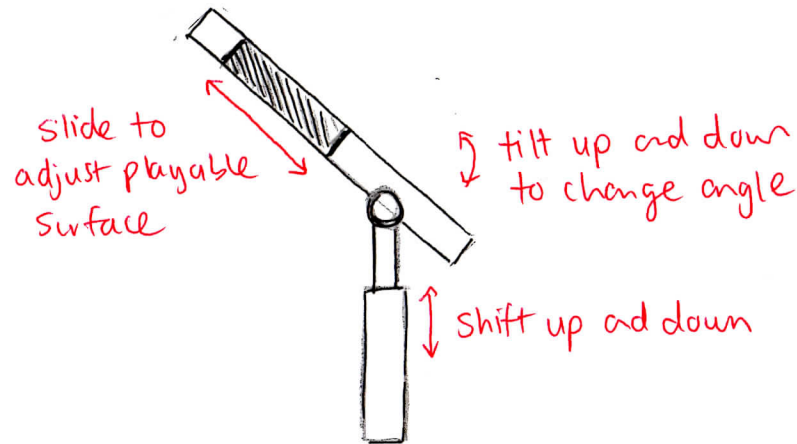
PARALLEL USERS

- ↳ Acoustic percussionists
- ↳ Electronic musicians

OLD DESIGN



NEW DESIGN



New Design:

- ↳ accounts for different body sizes, different arm lengths
- ↳ focuses on back posture and overall posture when playing

SYSTEM DIAGRAM

