Controller

Controller

main()
TransmitToAController()

BrailleChar

BrailleChar

Value

BraillleChar()

Text Processor

Text Processor

INPUT
OUTPUT

SpeechDecoder()
TranslateToBinary()

Actuator Controller

Actuator Controller

RaiseActuators()

ResetActuator()

GUI

GUI

StartAudio()

StopAudio()

Alphabet

Alphabet

Value

ABraille()
BBraille()
CBraille()
...etc

Speech Listner

Speech Listner

OUTPUT

SpeechListern()

Actuator Listener

Actuator Listener

RaiseActuators()

ResetActuator()

Speech to Braille

Start Recording

Convert to Braille

Transcriber

Text Processor

RaiseActuators()

Actuator Controller

Person

blind/deaf person

Use Case Two Column

Start Program	Prompt User to Start mic with enter
Record audio for certain amount of time	Press enter to stop
Press enter to stop	Text output of speech

commit 26cda87f11c4fb1ae442b3c954c71f766d9f4b33
Author: MauJG <161003288+MauJG@users.noreply.github.com>
Date: Thu Mar 27 13:47:58 2025 -0400

    Reapply "Done"

    This reverts commit 1a623f3137b658e5320c1355b217cad517a8f52a.

commit 1a623f3137b658e5320c1355b217cad517a8f52a
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Mar 27 13:46:38 2025 -0400

    Revert "Done"

    This reverts commit e51dab3dbd18c0c6465bad128b9a9dc05c92a111.

commit e51dab3dbd18c0c6465bad128b9a9dc05c92a111
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Mar 27 13:40:11 2025 -0400

    Done

commit 2dcbdbb958a2c125ce84e6592d6406144ce17ca1

Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Mar 27 12:10:21 2025 -0400

    Framework for characters

commit ba4ea63434ca41ce3d29b9f09f7db2e13de97554
Author: Connor Murray <connormurray215@gmail.com>
Date: Mon Mar 24 13:34:19 2025 -0400

    Updated GPIO/added to braille function

commit 844b35a611a04b9004d0f0c5dd2a575eb2e538d9
Author: Connor Murray <connormurray215@gmail.com>
Date: Sun Mar 9 20:14:52 2025 -0400

    log

commit d72466093296d010e87cb2d8ebdde88e8d26ebd0
Author: Connor Murray <connormurray215@gmail.com>
Date: Sun Mar 9 20:04:38 2025 -0400

    first test case done

commit 15e2396d14978c9d01d5f1cab3357ce36d8c99eb
Author: Connor Murray <connormurray215@gmail.com>
Date: Sun Mar 9 19:12:00 2025 -0400

    test start

commit 30e8f534a6d0588e88bab5fde286047dad6fa296
Author: Connor Murray <connormurray215@gmail.com>
Date: Tue Mar 4 12:40:13 2025 -0500

    audio test

commit a65d9d5c64f5c2e2e98c3055dd733502727f9b0d
Author: Connor Murray <connormurray215@gmail.com>
Date: Tue Mar 4 12:38:12 2025 -0500

    Audio Transcriber Working

commit 5611ba7f6d8e990c116cfe183e3d108d26a53a59
Author: Connor Murray <connormurray215@gmail.com>
Date: Tue Mar 4 12:25:06 2025 -0500

added assemblyAI

commit 8d5efec870c8455403270b0e5b9eee48ec0f671e
Author: Connor Murray <connormurray215@gmail.com>
Date: Tue Mar 4 12:21:07 2025 -0500

Starting Transcriber

commit f3c05e137ae2252075df849d95f95f46260215e9
Author: Connor Murray <connormurray215@gmail.com>
Date: Tue Mar 4 12:06:53 2025 -0500

Audio Recording Done

commit 3a74e632500c1bd2bdd845cb3d853d76afbcf8d2
Author: Connor Murray <connormurray215@gmail.com>
Date: Mon Mar 3 18:03:22 2025 -0500

Class Path Update

commit 4b40b5a1c61e6d7359433e97104359a951df9a1c
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 21:40:32 2025 -0500

ton

commit 0df31b52e70a117a2e7e90bf2cf886cfe54f0574
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 21:13:50 2025 -0500

API added

commit 1ed5843f646ba4c30e0d92041d1220e7c413178d
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 21:12:58 2025 -0500

test

commit 1524b00966c9bc22263749e6be38a37f773ae3be
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 20:57:42 2025 -0500

one sec

commit 33c368c4a6e99dd2762705884292a45f5ae5b7f6
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 20:53:44 2025 -0500

   Reset

commit e4a56503665f1f1ecb7a7d8f38d819aedd55ceb8
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 20:32:08 2025 -0500

   broken

commit 3aa43a2b16ac13d88071027d424c46ee3edca8c4
Author: Connor Murray <51378356+truckin215@users.noreply.github.com>
Date: Thu Feb 27 19:14:28 2025 -0500

   Create README.md

commit 7350df12540a97dd8b98057be3fb17e2503607fc
Author: Connor Murray <connormurray215@gmail.com>
Date: Thu Feb 27 19:13:49 2025 -0500

   Initial commit