Overview / Abstract:
This design revolves around developing a card identification device which uses an NFC scanner to read the passive NFC tag on each card, and then compares the data with the database. Once a matching record is found, the pre-recorded sound track will play to let the users know which card they are holding. If there are no matching records, the device will tell the users that there is no match. In that particular case, the device will prompt the users to record a new sound track and add it as a new card in the database.

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