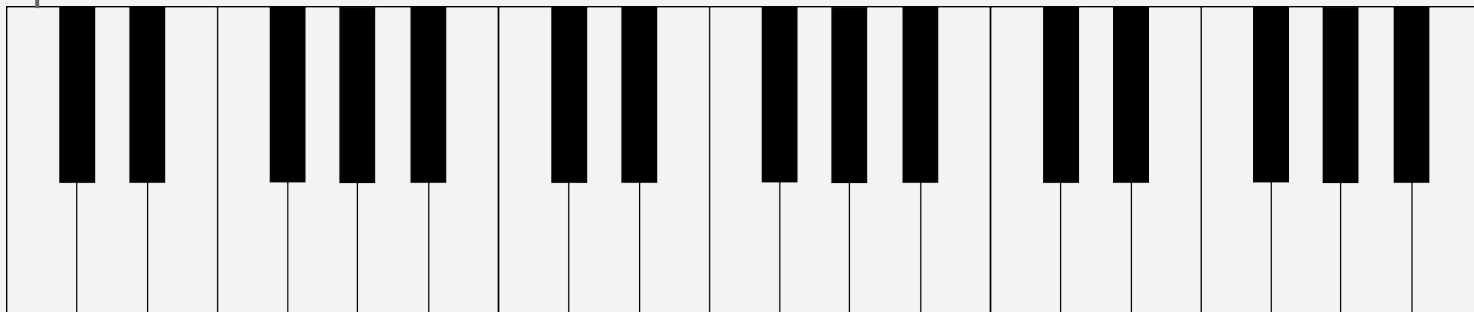


# Pianex

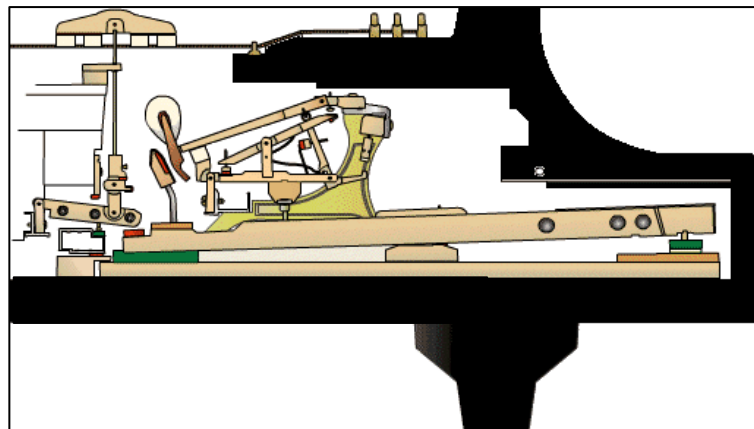
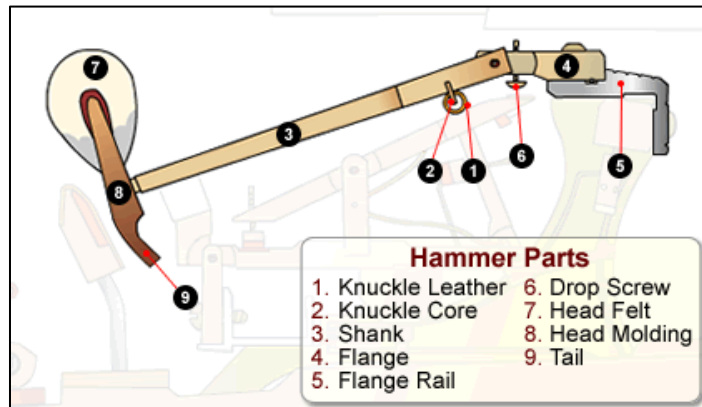


Cory Aitchison & Jonathan Ballak  
IS 282  
Prof. Blanchette  
9 June 2015

**The mechanics of the  
piano have not changed in  
125 years**



# How a Piano works

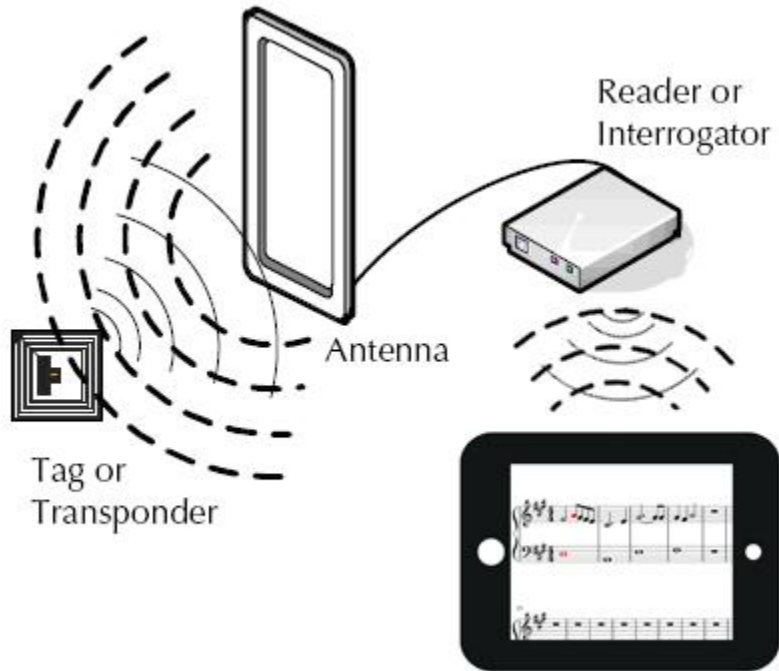


**How then to take a classical  
musical instrument, and augment  
it so that players of the piano may  
benefit from contemporary  
'connected' technologies?**

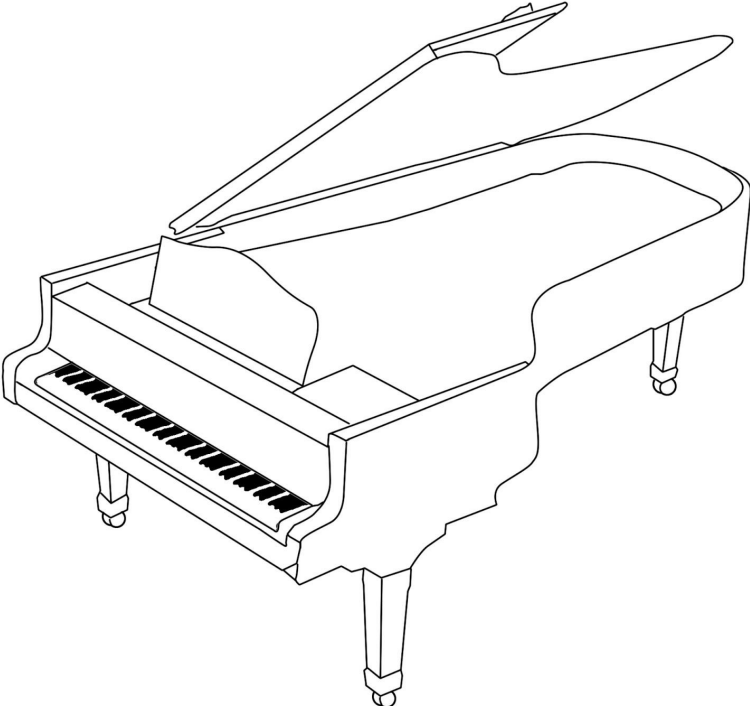
# Keys with RFID tags



Reader that records every time the key moves



RFID tags on each key

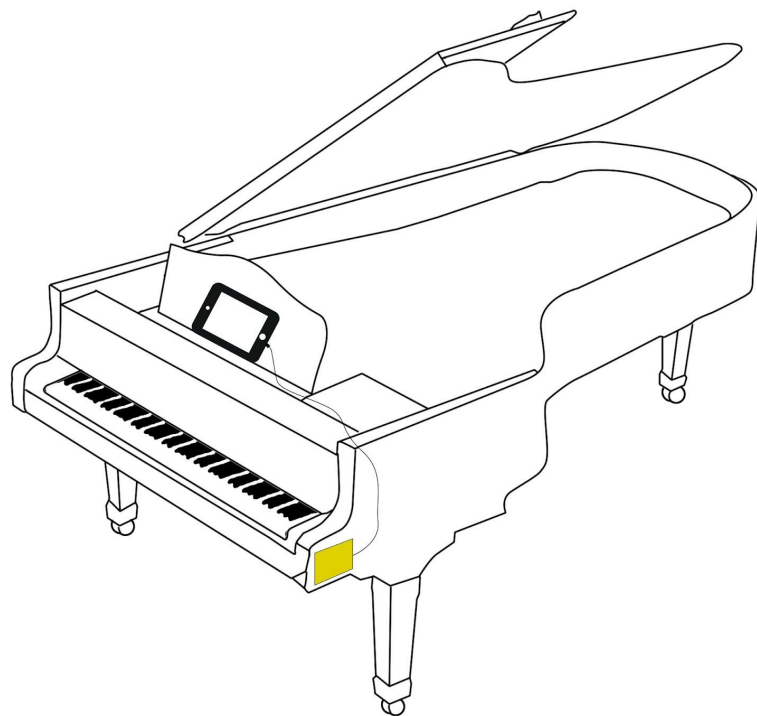


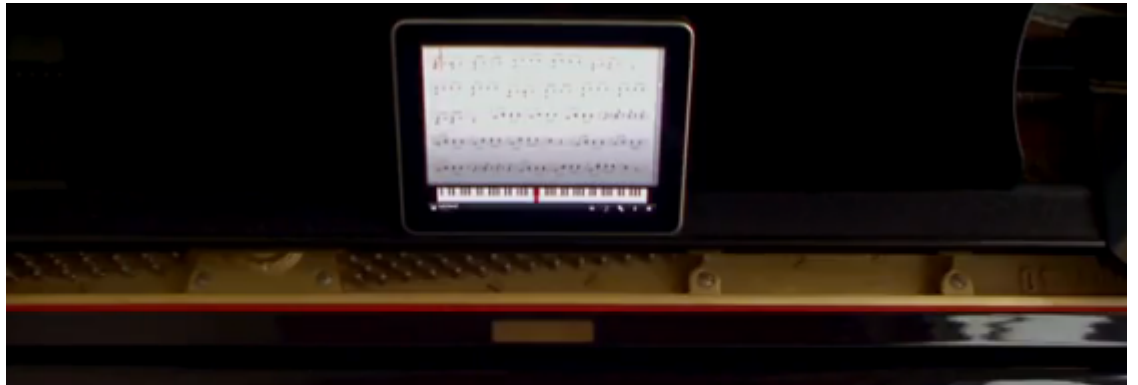
Reader recognizes motion of keys





Sends information to app



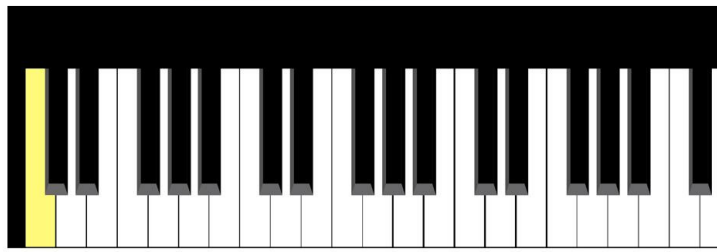


## SET UP

To begin using your connected piano,  
please activate the sensors on the keys.

Start with the lowest note on the piano.

✓ ACTIVATED





# LAST PLAYED

A snippet of musical notation on a white background, featuring a treble clef, a key signature of one flat, and a 4/4 time signature. It contains four staves of music with various notes and rests.

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Lessons  
Play  
Write

# LAST PLAYED

A system of musical notation consisting of a treble clef, a key signature of one sharp (F#), a 4/4 time signature, and a single staff of music with a series of notes.

A system of musical notation consisting of a treble clef, a key signature of one sharp (F#), a 4/4 time signature, and a single staff of music with a series of notes.

A system of musical notation consisting of a treble clef, a key signature of one sharp (F#), a 4/4 time signature, and a single staff of music with a series of notes.

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# LESSONS

Level 1

Level 2

Level 3



With your finger,  
touch all the Cs in the treble clef

44

Musical notation for measures 44-47. The right hand plays chords and eighth notes, while the left hand plays a steady eighth-note accompaniment. Trills are marked with a '3' and a slur.

PLAY

48

Musical notation for measures 48-51. The right hand plays chords and eighth notes, while the left hand plays a steady eighth-note accompaniment. A trill is marked with a '3' and a slur. A dynamic marking *mf* is present in measure 51.

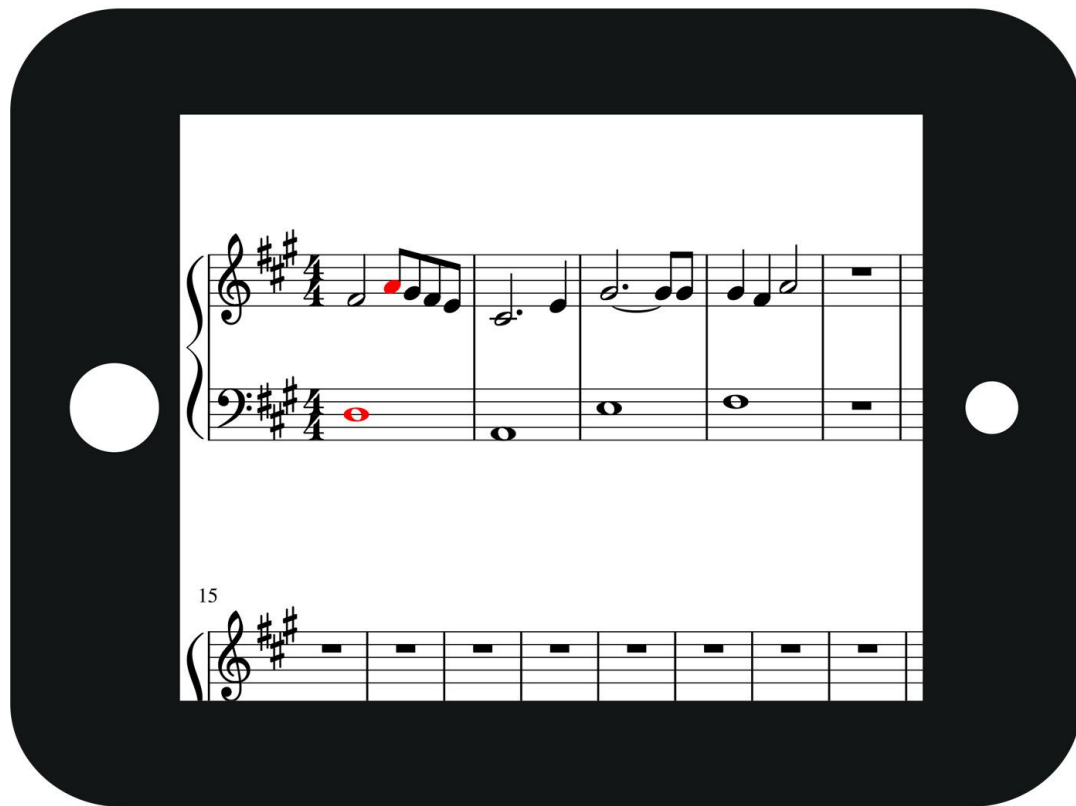
TO

BEGIN

52

Musical notation for measures 52-55. The right hand plays chords and eighth notes, while the left hand plays a steady eighth-note accompaniment. Trills are marked with a '3' and a slur.







# WRITE

Key **F#**

Time **4**

Tempo    
 **120 bpm**

# User Generated Sheet Music

ANOTHER GEM FROM THE PEN OF THIS GIFTED COMPOSER

No. 2 in A No. 2 in B No. 2 in C

## IN THE GARDEN OF TO-MORROW

Song

Words by  
GEO. CLAFFE, Jr.

Music by  
JESSIE L. DEYVEN

REFRAIN

In the garden of to-mor-row, Will the roses be more fair?

Will we find no bud from our own, Will there be no blossoms there?

The such sweet buds that will grow, None will die and fade away.

Oh! Oh so much better, Let not love flower's garden, From the garden of to-day.

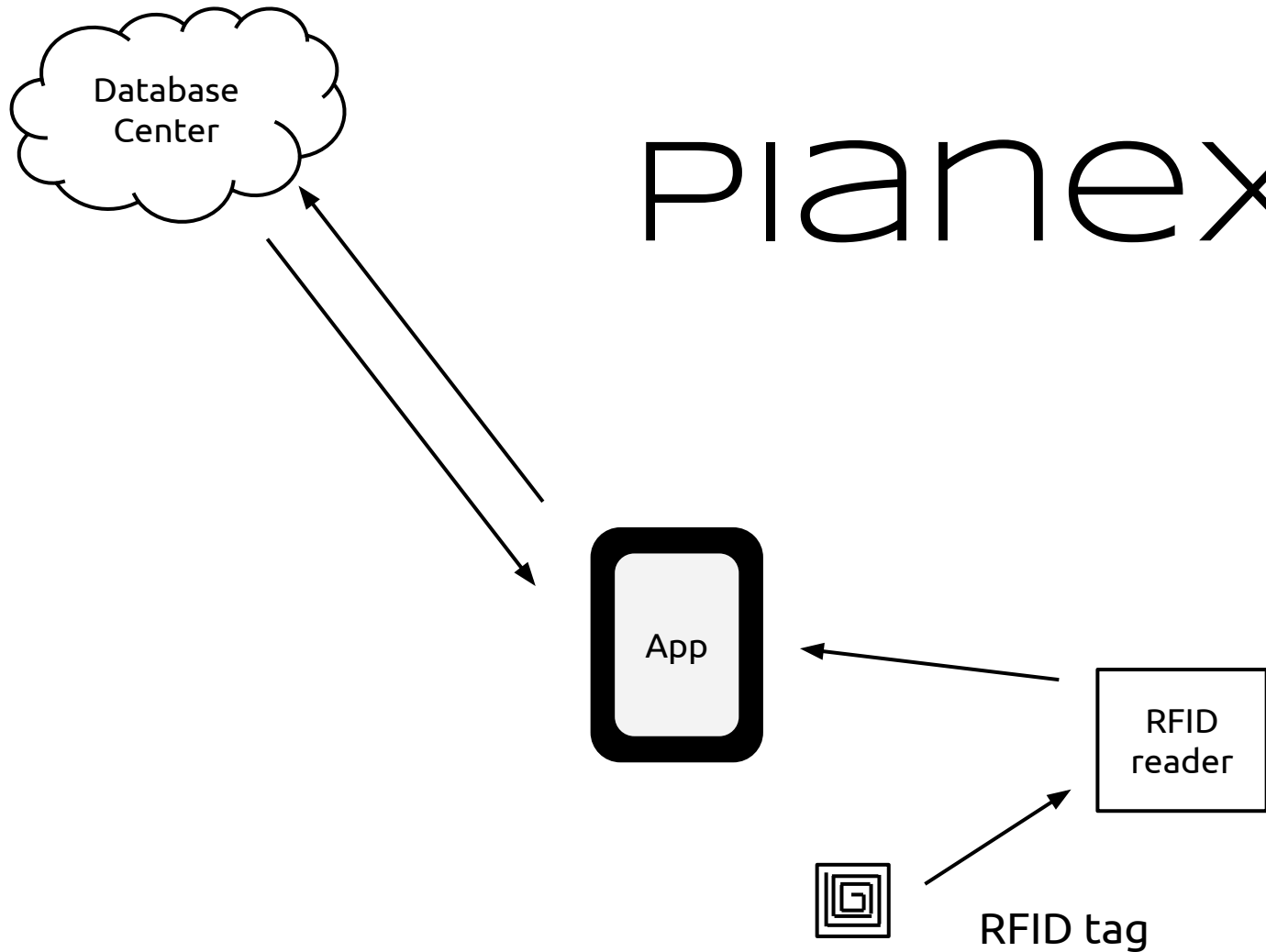
REFRAIN

In the garden of to-mor-row,  
Will the roses be more fair?  
Will we find no bud from our own,  
Will there be no blossoms there?  
The such sweet buds that will grow,  
None will die and fade away.  
Oh! Oh so much better,  
Let not love flower's garden,  
From the garden of to-day.

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CHAPPELL-HARMS INC. 155 Madison Ave., New York

# Pianex



**Questions?**