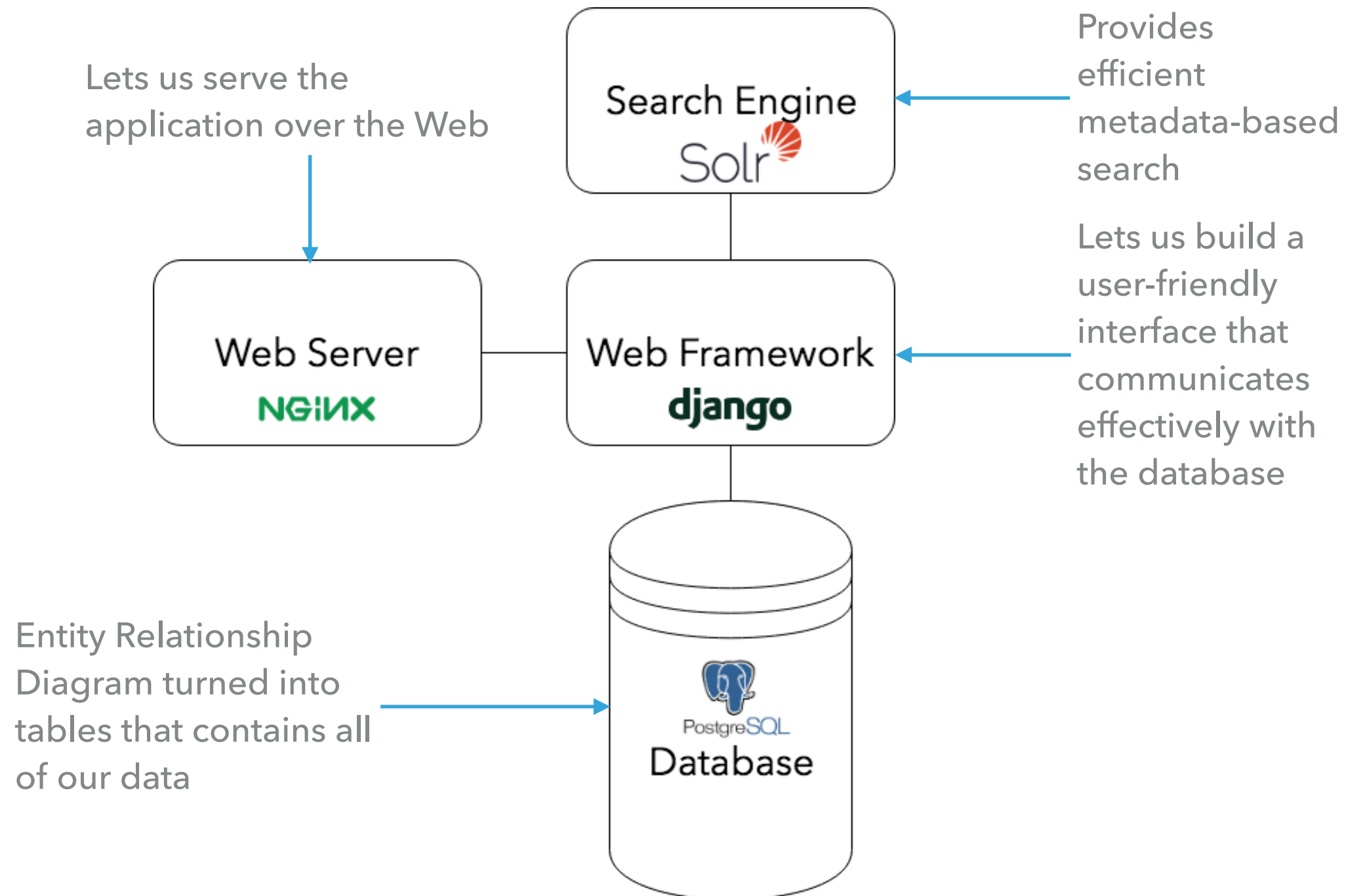


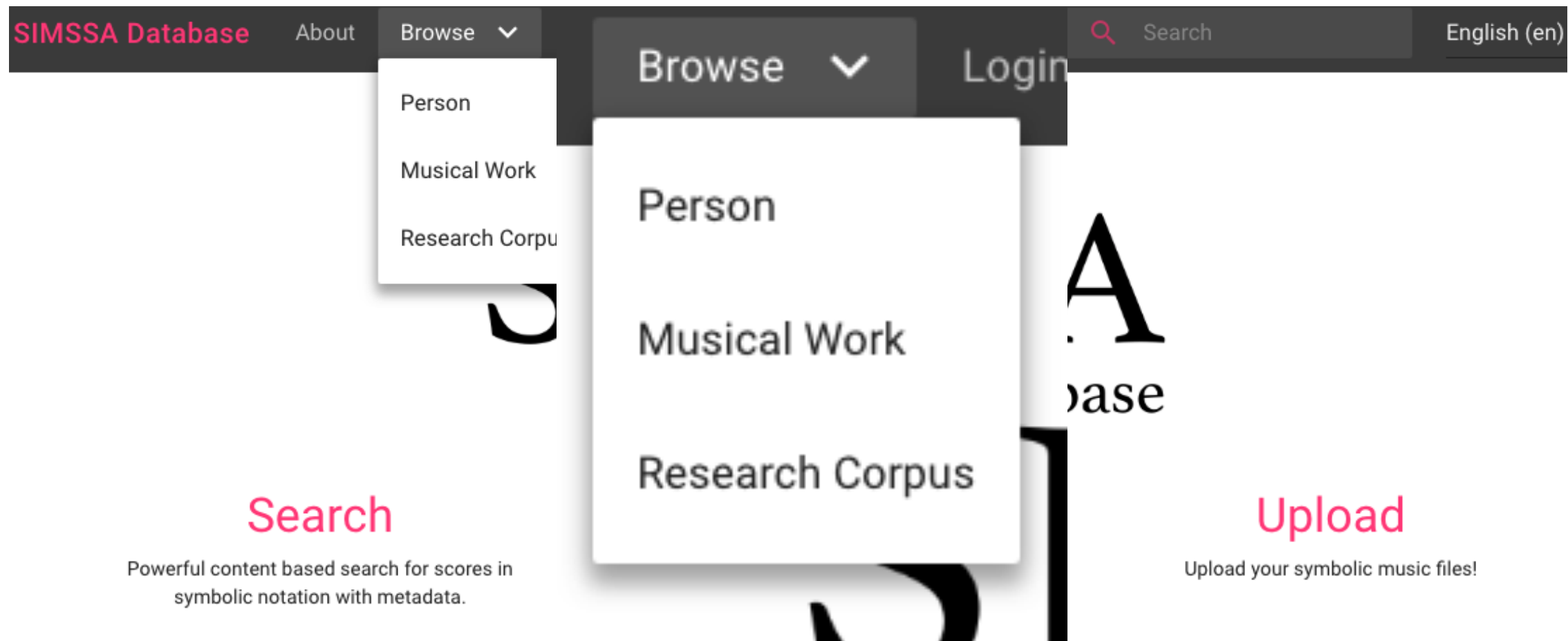
YALONG JU AND GUSTAVO POLINS PEDRO

SIMSSA DB IMPLEMENTATION

ARCHITECTURE OVERVIEW



INTERFACE OVERVIEW



INTERFACE OVERVIEW (BROWSING)

Persons (20)

Alighieri, Dante 1265--1321	
Bembo, Pietro 1470--1547	
Compère, Loyset (1440-1445)--1518	6 Works Composed
Bruhier, Antoine 1470--1521	3 Works Composed
De Silva, Andreas 1475--1530	1 Works Composed
Festa, Sebastiano 1495--1524	8 Works Composed
Isaac, Heinrich 1450--1517	2 Works Composed
Mouton, Jean 1459--1522	3 Works Composed
Obrecht, Jacob 1457--1505	1 Works Composed
Pesenti, Michele 1470--1528	2 Works Composed
Petrarca, Francesco 1304--1374	
Pipelare, Matthaeus 1450--1515	1 Works Composed

INTERFACE OVERVIEW (DETAIL)

[SIMSSA Database](#)[About](#)[Browse](#) ▾[Upload](#) ▾[Login](#)



[English \(en\)](#)

- SECTIONS (1)
- SYMBOLIC FILES (3)**

F164_09_Pisano_Amor_se_OMRcorrlL.sib

File Type: sibelius

Source: Florence, Italy, Biblioteca Nazionale Centrale, MS Magliabechi XIX.164-167 9.0

F164_09_Pisano_Amor_se_OMRcorrlL.mid

File Type: midi

Source: Florence, Italy, Biblioteca Nazionale Centrale, MS Magliabechi XIX.164-167 9.0

F164_09_Pisano_Amor_se_OMRcorrlL.xml

File Type: xml

Source: Florence, Italy, Biblioteca Nazionale Centrale, MS Magliabechi XIX.164-167 9.0

INTERFACE OVERVIEW (SEARCH)

Filter results by

Search

amor

Sacred/Secular

☐ Sacred(27)

Instrument Or Voice

☐ Voice(27)

Composer

☒ Bernardo Pisano(15)

☐ Sebastiano Festa(12)

Genre (Type)

☐ Madrigal(27)

Genre (Style)

☐ Renaissance(27)

Attribution

☒ Certain(24)

☐ Uncertain(3)

File Format

☒ midi(9)

☐ sibelius(9)

☐ xml(9)

FILTER

27

Sacred/Secular

Perfect Vertical Intervals:

0.4864 - 0.5447

Vertical Dissonance Ratio:

0.0499 - 0.07061

Vertical Minor Third Prevalence:

0.3557 - 0.6514

Vertical Major Third Prevalence:

0.3472 - 0.7029

Variability of Number of Simultaneous Pitch Classes:

0.3454 - 0.7314

☒ midi(9)

☐ sibelius(9)

☐ xml(9)

Chords and Vertical Interval Features

Second Most Common Vertical Interval:

0 - 6.93

Between Two Most Common Vertical Intervals:

1259

Prevalence of Second Most Common Vertical Interval:

0.1765 - 0.2064

Prevalence Ratio of Two Most Common Vertical Intervals:

0.8582 - 0.9938

Vertical Unisons:

0.0145 - 0.06296

Vertical Minor Seconds:

INTERFACE OVERVIEW (SEARCH)

Filter results by

Search

Sacred/Secular

☐ Sacred(2)

Instrument Or Voice

☐ Voice(2)

Composer

☒ Bernardo Pisano(2)

Genre (Type)

☐ Madrigal(2)

Genre (Style)

☐ Renaissance(2)

Attribution

☒ Certain(2)

File Format

☒ midi(2)**FILTER**

2 results for "amor"

Amore amor quando io speravo

File Type: midi**Source:** Florence, Italy, Biblioteca Nazionale Centrale, MS Magliabechi
XIX.164-167 8.0**File:** F164_08_Pisano_Amore_quando_OMRcorrIL.mid

Tanta pietà cor mio talhor m'assale

File Type: midi**Source:** Florence, Italy, Biblioteca Nazionale Centrale, MS Magliabechi
XIX.164-167 16.0**File:** F164_16_Pisano_Tanta_pieta_OMRcorrIL.midChords and Vertical Interval
Features

Melodic Interval Features

Musical Texture Features

Pitch Statistics Features

Rhythm Features

INTERFACE OVERVIEW (INPUT)

Upload a Musical Work

Title: e.g., Symphony No.3, Op. 55

+

-

COMPOSER

⌵

 e.g., Ludwig van Beethoven (1770-1827)

+

Certainty of attribution☒ date YYYY YYYY Location

Additional Information

These fields make it easier to find the piece using the database search engine.

Sources e.g., The Nine Symphonies by Beethoven, published by Baerenreiter Instrumentation e.g., Flute

Genres as in type e.g., Symphony Portion e.g., pp. 37-42

Genres as in style e.g., Classical music

Sacred/Secular-----

Sections

If the musical work is divided into sections, declare them in this table. Please enter titles for all sections, even if you will not be uploading files for all of them.

Title: e.g., Allegro con brio Ordering: e.g., 1

+

-

Files

Upload files with **acceptable formats** here. If the file is for a specific act or section as entered above, select that entry from the drop-down menu in the "Attach To" column. The files you upload will be renamed automatically.

Upload

Choose File

No file chosen Attach To: MUSICAL WORK

+

-

SUBMIT

INTERFACE OVERVIEW (INPUT)

Upload a Musical Work

Title: e.g., Symphony No.3, Op. 55

+

-

COMPOSER

× Beethoven, Ludwig van 1770--1827

+

Certainty of attribution

☒

date

YYYY

YYYY

Location

TRANSCRIBER

Yao

-

NEW CONTRIBUTOR

Click 'New Contributor' to confirm the addition

Given name

Surname

Range date birth

Range date death

Birth location

Death location

Authority control url

Certainty of attribution

☒

date

YYYY

YYYY

Location

e.g., Vienna

INTERFACE OVERVIEW (INPUT)

Sections

If the musical work is divided into sections, declare them in this table. Please enter titles for all sections, even if you will not be uploading files for all of them.

Title	Ordering		
e.g., Allegro con brio	e.g., 1	+	-

Files

Upload files with **acceptable formats** here. If the file is for a specific act or section as entered above, select that entry from the drop-down menu in the "Attach To" column. The files you upload will be renamed automatically.

Upload	<div>Choose File</div> No file chosen	Attach To	MUSICAL WORK	+	-
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SUBMIT

FUTURE WORK

- ▶ Linked Open Data
 - ▶ RDF (Resource Description Framework), JSON-LD (JavaScript Object Notation for Linked Data)
 - ▶ Ontology
 - ▶ Authority control
 - ▶ VIAF (Virtual International Authority File), WikiData, etc.
- ▶ Other File Formats

THANK YOU!

SIMSSA DB team: Cory McKay, Gustavo Polins Pedro, Yaolong Ju, Emily Hopkins, Ichiro Fujinaga, and Julie Cumming



<https://github.com/ELVIS-Project/simssadb>



@simssaproject



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McGill



Schulich School of Music
École de musique Schulich

DDMAL

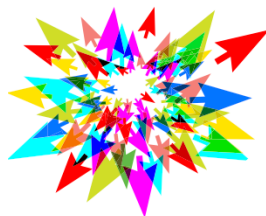
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Société et culture

Québec



compute | **calcul**
canada | canada

