

Βάσεις Δεδομένων

Project Εκδοτικός οίκος

Ομάδα 11

Νικόλαος Γέροντας 1092813

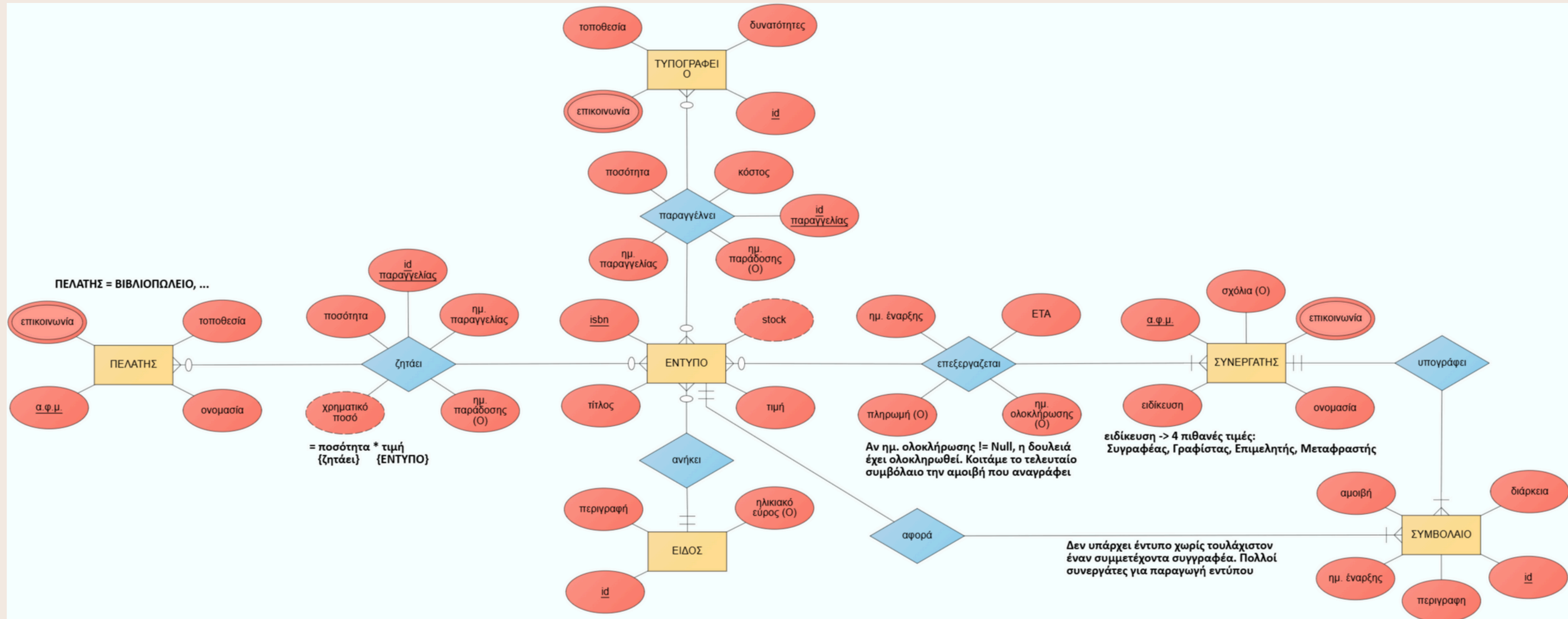
Μαρία-Νίκη Ζωγράφου 1096060



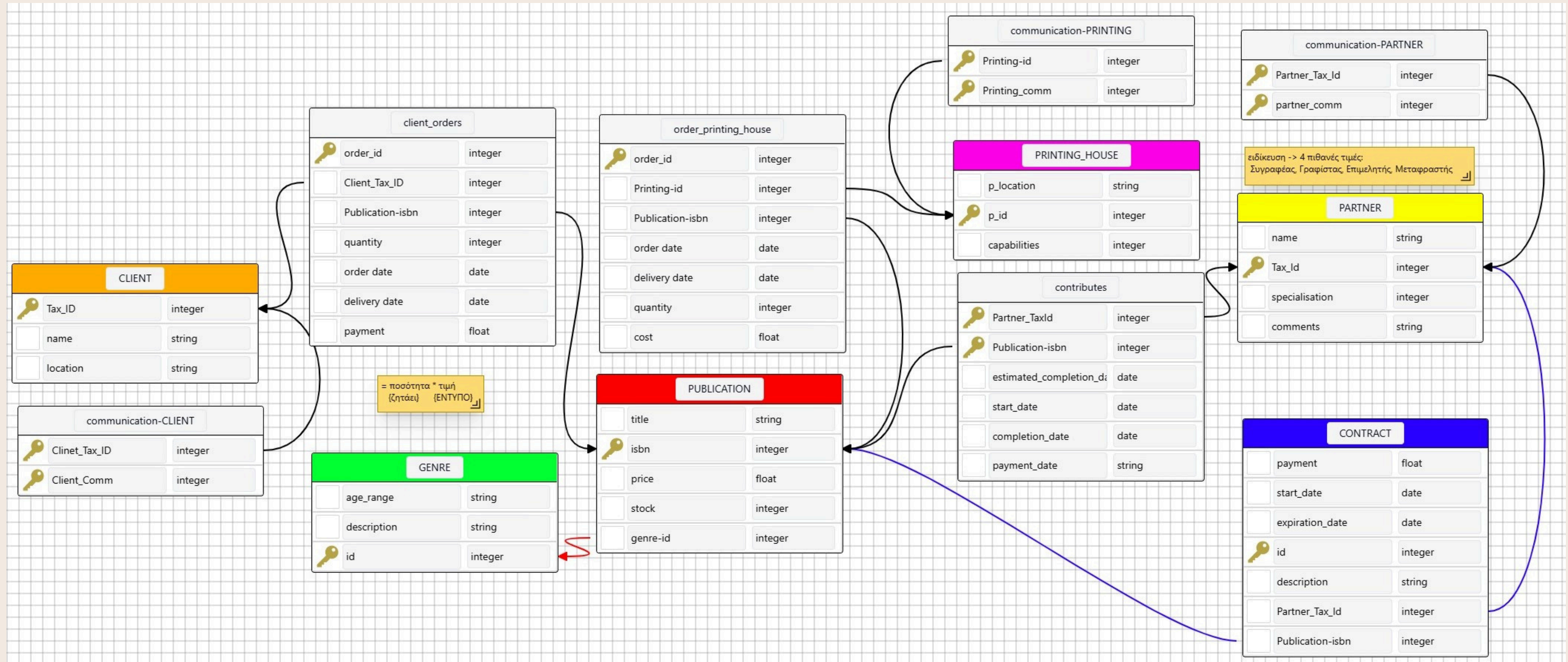
Στόχοι Εφαρμογής

- Αρχείο Δεδομένων Εκδοτικού Οίκου:
 - Έντυπα, Συνεργάτες, Πελάτες, Τυπογραφεία.
 - Στοιχεία Επικοινωνίας, Συμβόλαια.
 - Ιστορικό δημιουργίας εντύπου και συναλλαγών.
- Καταχώρηση Παραγγελιών:
 - Παραγγελίες τυπογραφείων και πελατών.
 - Διατήρηση πλήρους ιστορικού συναλλαγών.
- Αναζήτηση και φιλτράρισμα δεδομένων με ευελιξία.
- Ευκολία Χρήσης:
 - Στατιστικά και Insights σε ευανάγνωστα γραφήματα.
 - Φιλικό και διαισθητικό GUI

Μοντέλο Οντοτήτων-Συσχετίσεων



Λογικό Μοντέλο



Εφαρμογή

Publishing House DB - GUI

Search

Statistics

Home

Partners

Contracts

Clients

Printing Houses

Genres

Publications

Client Orders

Contributes

Printing House Orders

Communication - Clients

Communication - Partners

Communication - Printing Houses

name	Tax_Id	specialisation	comments
Michael Nelson	114868246	Editor	★★
Bella Kelly	122666407	Translator	★★
Mason Hill	122745938	Writer	★★
Aiden Ramos	124127620	Graphic designer	★★★★
Joseph Ross	126877036	Writer	★★
Violet Ruiz	130627832	Editor	★
Natalie Turner	130956458	Graphic designer	★★★
Bella Martinez	132011912	Translator	★★★
Aurora Ramos	163011105	Graphic designer	★
Ruby Phillips	171972097	Editor	★★
Stella Robinson	189337824	Translator	★★★★★
Anthony Foster	204582027	Editor	★
Asher Ramos	208581803	Editor	★★★
Abigail Hernandez	212461168	Graphic designer	★★★
Hazel Brooks	217563246	Graphic designer	★
Paisley Hernandez	232156711	Translator	★★★★★
William Peterson	233021893	Graphic designer	★★★★★
Elizabeth Stewart	233281833	Graphic designer	★★★
Maeve Torres	238053559	Writer	★★
William Adams	240425554	Translator	★★★★★

Edit Selected

Delete Selected

Unselect

Partners - Insert / Edit Record

name

William Peterson

Tax_Id

233021893

specialisation

Graphic designer

comments

★★★★★

Update

Partners - Insert / Edit Record

name

Tax_Id

specialisation

comments

Edit Selected

Delete Selected

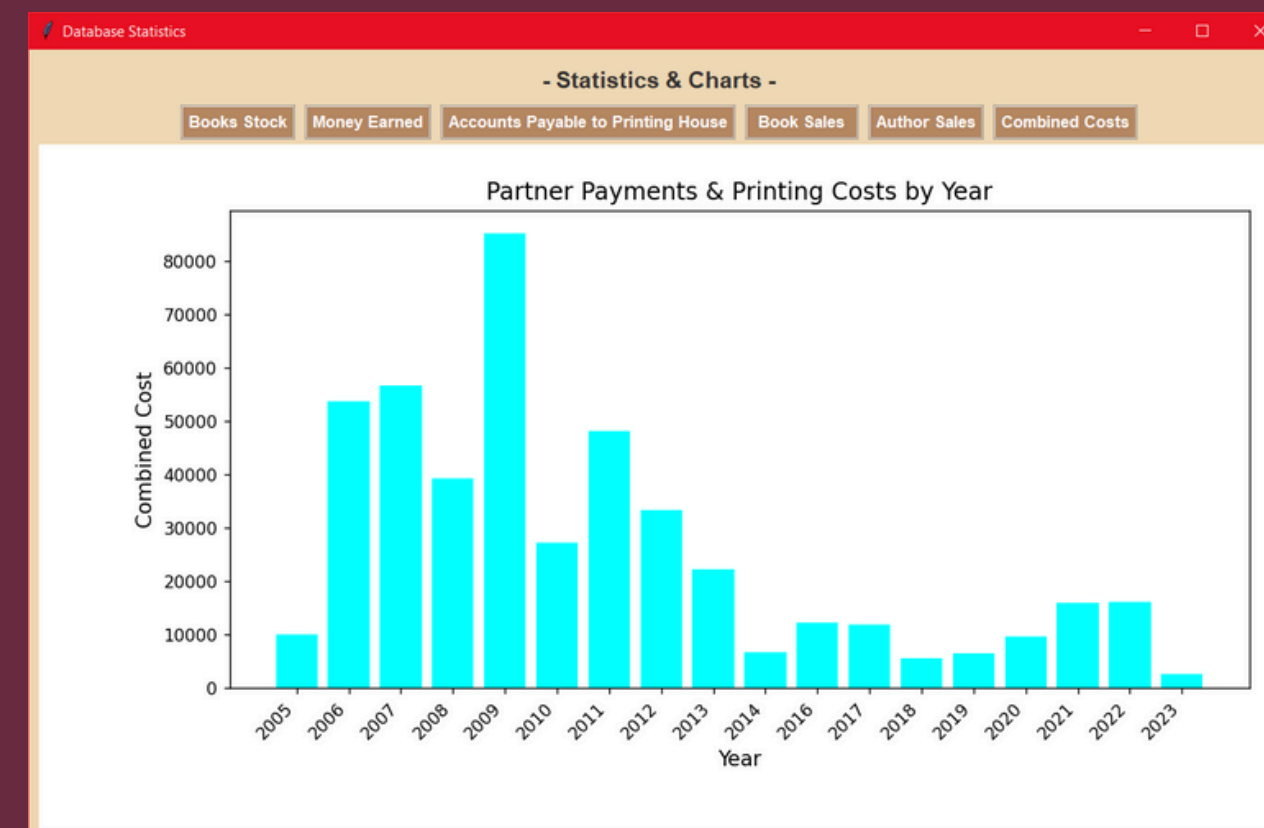
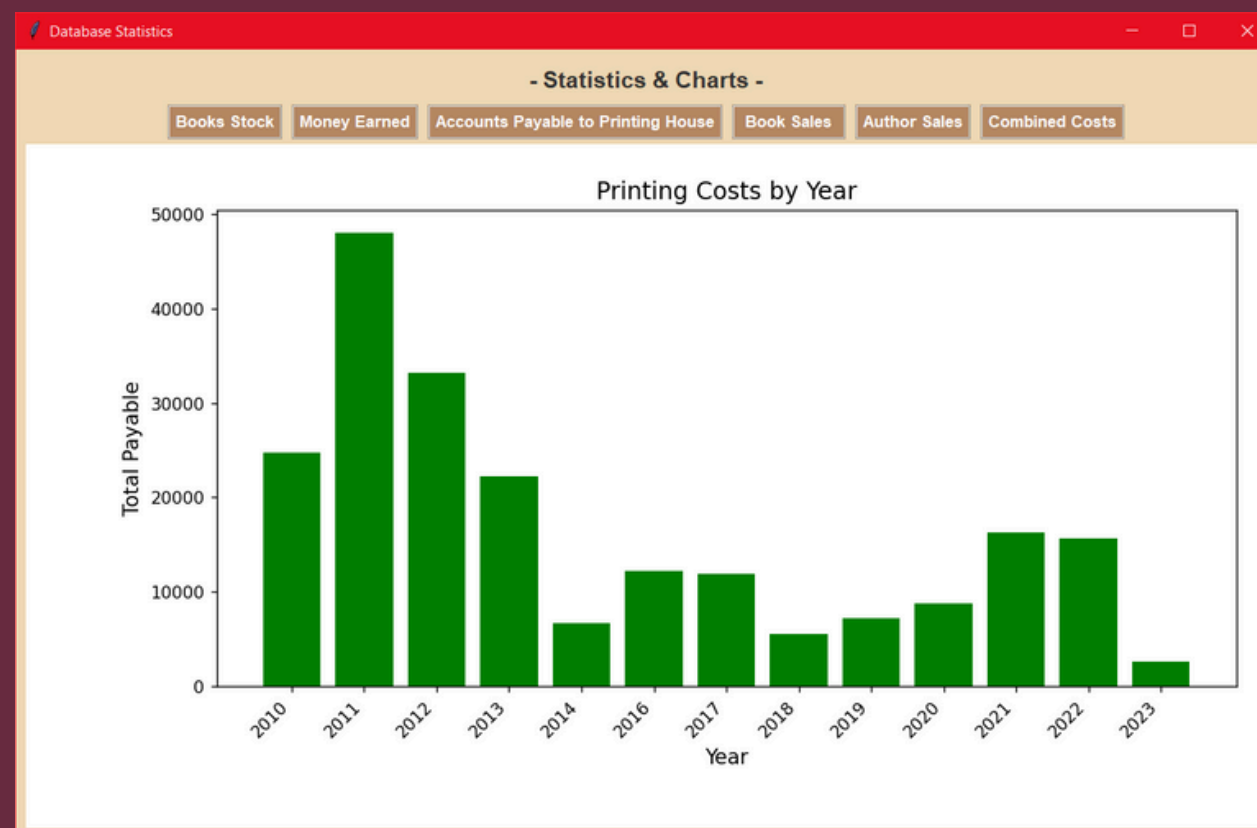
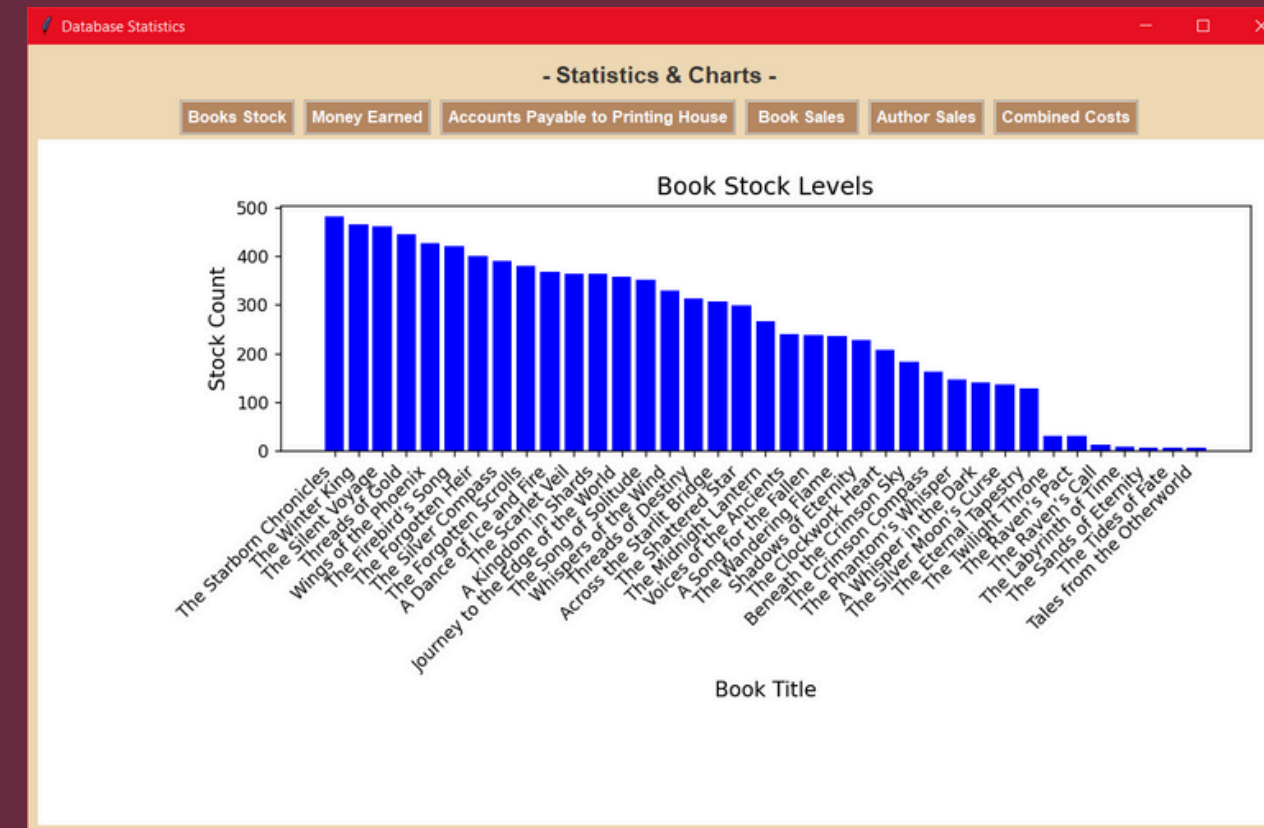
Unselect

Partners - Insert / Edit Record

name	<input type="text"/>
Tax_Id	<input type="text"/>
specialisation	<input type="text"/> ▼
comments	<input type="text"/> ▼

Insert

Statistics



Search

- Search the Database -

Table:

Column:

Operator:

Value:

Edit selected

Search

name	Tax_Id	specialisation	comments
Ava Price	111061091	Writer	★★
Ava White	111100141	Translator	★★★
Ava White	112920509	Editor	★
Ava Parker	175701913	Writer	★★★★★
Ava Alvarez	188502068	Writer	★★★★★
Ava Rodriguez	246286964	Writer	★★★★★
Ava Ortiz	423083164	Writer	★
Ava Peterson	444195239	Translator	★★
Ava Chavez	507860357	Graphic designer	★★
Ava Campbell	522788721	Editor	★★
Ava Garcia	584761633	Graphic designer	★★★★★
Ava James	611565914	Editor	★★
Ava Richardson	684276053	Writer	★★
Ava Ortiz	770529566	Editor	★★
Ava Martin	871847166	Graphic designer	★

Time Elapsed: 0.0004 seconds Results Found: 15

- Search the Database -

Table:

Column:

Operator:

Value:

Edit selected

=

LIKE

<

>

<=

>=

- Search the Database -

Table:

Column:

Operator:

Value:

Suggestion

?

No results found for 'Ava Pricy'.
--> Did you mean: 'Ava Price'?

Yes

No

Ασφάλεια Δεδομένων

Publishing House DB - GUI

Search Statistics

Home Partners Contracts Clients Printing Houses Genres Publications Client Orders Contributes Printing House Orders Communication - Clients

name	Tax_Id	s
Leah Jones	101593166	
Addison Scott	101859419	G
Samantha Martin	102237169	
Mason Kim	102400252	
Cooper Murphy	102962651	G
Daniel Taylor	103855050	
Matthew Martin	108713970	
Audrey Young	110348582	
David Cox	110788507	
Ava Price	111061091	
Ava White	111100141	
Matthew Mitchell	111488000	
Daniel Morgan	111810597	
Harper Hill	111912193	
Lucas Allen	112454120	
Ava White	112920509	
Natalie Perez	113059787	
Peyton Jackson	113595428	G
Olivia Young	113876340	
Lucas Lewis	116495917	G

Edit Selected Delete Selected Unselect

Partners - Insert / Edit Record

name	Ava White
Tax_Id	111100141
specialisation	Translator
comments	★★★

Update

Error

Could not delete record.
FOREIGN KEY constraint failed

OK

Error

Could not update record.
FOREIGN KEY constraint failed

OK

Contracts - Insert / Edit Record

payment	4781.93
start_date	2005-06-20
expiration_date	11-2-2006
id	9
description	Hard
Partner_Tax_Id	179352854
Publication-isbn	3487587866122

Update

Error

Could not update record.
CHECK constraint failed: expiration_date LIKE '____-__-__' --
Matches YYYY-MM-DD pattern
AND date(expiration_date) IS NOT NULL -- Validates it as a
proper date
AND expiration_date > start_date -- Ensures logical
consistency

OK

Printing House Orders - Insert / Edit Record

order_id	1
Printing-id	10
Publication-isbn	1276139909140
order date	2012-03-29
delivery date	2012-04-05
quantity	70
cost	234sfsdf

Update

Error

Could not update record.
CHECK constraint failed: typeof(cost) = 'real' AND cost >= 0

OK

Σας ευχαριστούμε!

[Demo Video](#) {link}