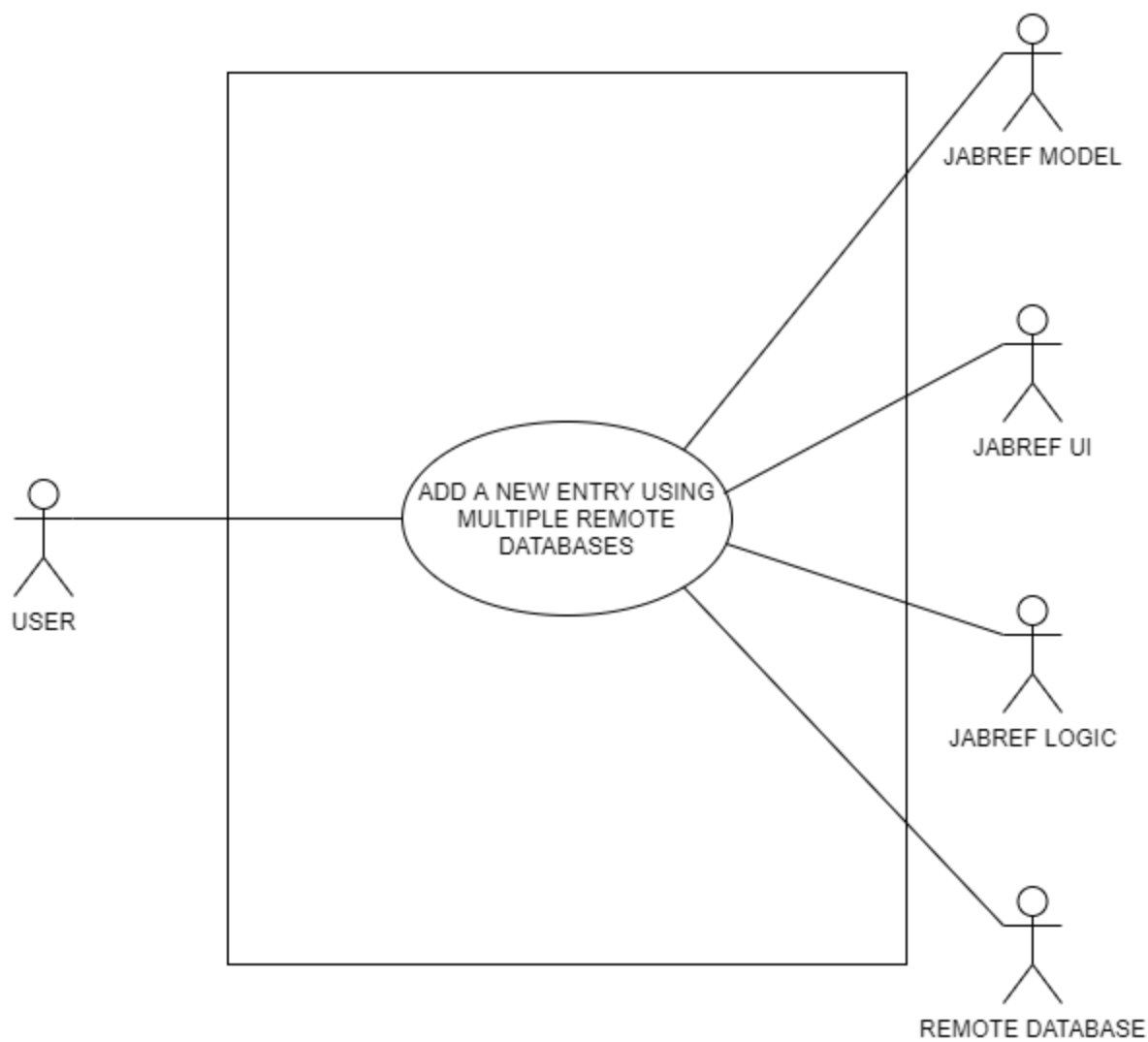Boa tarde, professores,

O grupo 27 vem, por este meio, dar uma explicação para o facto de a 2ª fase do projeto de ES não ter corrido como o esperado e, consequentemente, termos entregue o trabalho bastante incompleto.

Embora a grande sobrecarga de testes e projetos de outras cadeiras do 3º ano seja uma das razões, o que teve mais impacto neste desfecho foram problemas internos ao nosso grupo: temos, no nosso grupo, um colega que, embora se tenha mostrado sempre empenhado em colaborar com o grupo e tenha contribuído na totalidade para a 1ª fase, tem tido sérios problemas pessoais que se agravaram em Dezembro, o que o impediu de conseguir comparecer às reuniões de grupo e que acabaram por deixá-lo completamente indisponível. Para além disto, outros 2 dos 5 integrantes tiveram, para além das outras cadeiras do 3º ano, cadeiras em atraso nas quais também tiveram outros testes e projetos, e por essa razão tiveram também menos disponibilidade.

Queremos, no entanto, reforçar que, embora tenham surgido todas estas adversidades, todos os integrantes do grupo se mostraram totalmente empenhados desde o início na realização do projeto.

Entregamos, portanto, os use cases, user stories e 2 reports em que comentamos as funcionalidades que queríamos implementar, as nossas tentativas que não se revelaram ser a solução desejada, assim como os locais onde pensámos alterar o código.

ENTRY COLLECTION

ADD A NEW ENTRY USING MULTIPLE REMOTE DATABASES

USER

JABREF MODEL

JABREF UI

JABREF LOGIC

REMOTE DATABASE

Use Case Search Online using Remote Databases

Name: Searching Online using Remote Databases

Actors:

 - Primary: User

 - Secondary: Remote Databases, Jabref Logic, Jabref Model, Jabref UI (CLI + GUI)

Description: Use many Remote Databases to search and gather information and fetch the desired Entries.

- Francisco Freire 58667, Pedro Simões 58674

1ª Implementação

User Story Add Library

User Story	Acceptance Criteria
As a user, I plan to add a new library so that I can store the information I choose.	Given that I am a user, when I click on "File", located in the Toolbar, and then on the option "New Library", then I expect that a new library will be created.

User Story Add Entry

User Story	Acceptance Criteria
As a user, I plan to add a new entry so that I can enrich my library.	

User Story Insert Query

User Story	Acceptance Criteria
As a user, I want to insert a new query that contains the information I want, in order to be able to add a desired entry.	1. Given that I am a user, when I go to the side pane and click "Search" without writing a query or without having a Library created, I expect that the insert of a new query fails.
	2. Given that I am a user, when I go to the side pane and click "Search", having already written a query and already having created a Library, I expect that the insert of a new query succeeds.

User Story Select Databases

User Story	Acceptance Criteria
As a user, I want to select one or more databases that I find convenient to use, so that I am able to search for entries in different databases at the same time.	1. 1. Given that I am a user, when I select the desired databases and click "Search", I expect that the selected databases will be correctly used.
	2. Given that I am a user, when I don't select the desired databases or when I click "Cancel", I expect that the selection of databases fails.

User Story Select Entries

User Story	Acceptance Criteria
As a user, I want to select one or more entries, so that I can add the desired entries to a library of my choice.	1. 1. Given that I am a user when I select the desired entries and click "Import Entries", I expect that the selected entries will be correctly added to a library of my choice.
	2. Given that I am a user, when I don't select the desired entries or when I click "Cancel", I expect that the import of entries fails.

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Final Report 1st Implementation

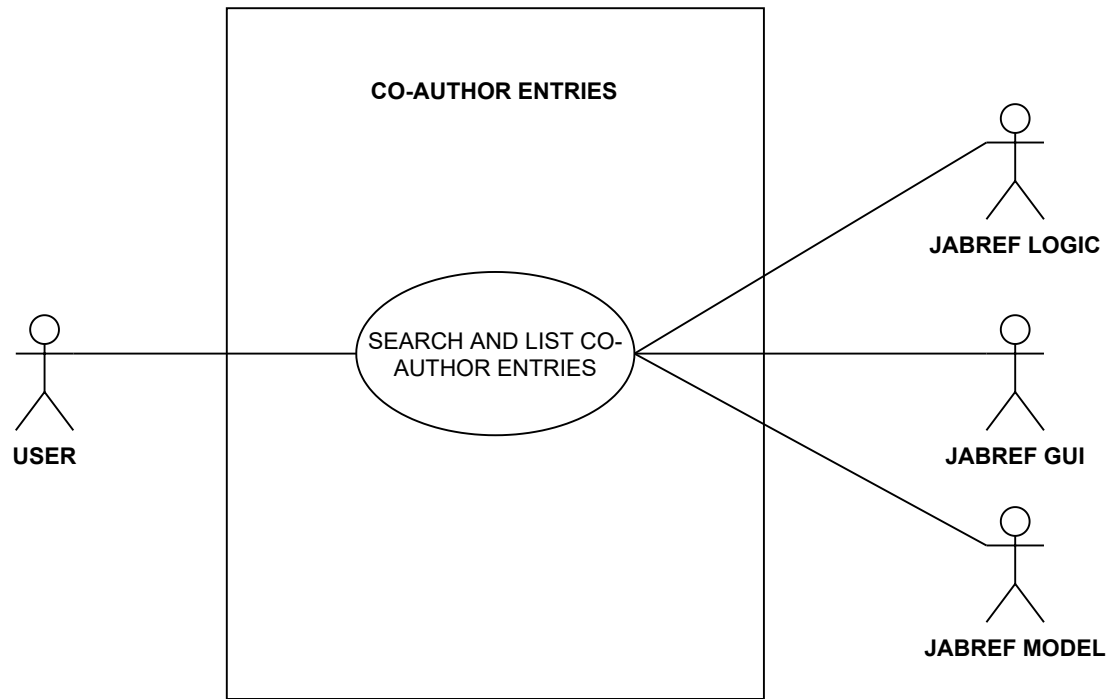First, we are going to discuss what we tried to implement.
In our first attempt, we tried to create a new class very similar to the ComboBox, a JavaFX tool, that would allow multiple selections. After some time, we realized that this would demand implementing many classes related to the ComboBox. It did not seem right and we deleted those classes.

In our second attempt, we eliminated the existing Combox and left only the query and search button. After inserting the query and pressing the "Search" button, a new window would pop up displaying the many databases available. Once we finished selecting those databases, we would press the "Search" button, and the already existing window for inserting the entries would pop up. There was a problem with this implementation. Even a minor change in a class demanded changes in many other classes. And the classes changed demanded new classes be changed. This was revealed to be immensely arduous and time-consuming. We did not believe it was the right approach to our problem. We deleted all the changes.

In the third attempt, we tried to use a different JavaFX Tool, called ListView. We couldn't finish checking if this attempt would be valid, and therefore we didn't implement it.

For the final attempt, we were thinking to alter the following classes:
- WebSearchPane: Change the ComboBox with ListView and adapt the methods to fill the list with the names of the databases.
- WebSearchPaneViewModel: Adapt this class to return the multiple selected databases (fetchers) instead of only one.
- ImportEntriesDialog: This class receives the context(database and metadata) of one only database as an argument. A possible change would be to receive all the selected databases as an argument.
- ImportEntriesViewModel: Adapt this class to receive multiple databases instead of only one. Adapt its methods to send all the entries related to the previously selected databases. Since different databases might contain identical entries, these would have to be removed. For this reason, when selecting the entries, the name of the database should be next to the entry.
- Other related classes.

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CO-AUTHOR ENTRIES

SEARCH AND LIST CO-AUTHOR ENTRIES

USER

JABREF LOGIC

JABREF GUI

JABREF MODEL

UC List Co-author Entries

Name: List Co-author Entries

Actors:

-Primary: User

-Secondary: JabRef Logic, JabRef GUI, JabRef Model.

Description: The list co-author entries use case relates to listing entries from the co-authors of the currently selected entry/ies.

Francisco Pires 58208, Gonçalo Vicêncio 57944

2ª Funcionalidade — List Co-Author Entries

- User Story:

List Co-authors' Entries:

As a user,

I intend to select some entries,

In order to list their co-authors' entries.

Acceptance Criteria:

Given that I am a user,

When I select some entries from my library,

Then I expect to be able to press a button in the toolbar in order to view their co-authors' entries.

- User Story:

Select and Add Entries:

As a user,

I intend to select some of the newfound co-authors' entries,

In order to add them and enrich my library.

Acceptance Criteria:

Given that I am a user,

When I select co-authors' entries,

Then I expect to be able to add them to my library.

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Final Report 2nd Implementation

As we didn't have time to implement any changes, we're going to explain what changes we propose, after carefully investigating JabRef:

- *Java\Org\Jabref\gui**JabRefFrame.java***: Edit the private method *createToolbar()* in this class in order to add a button to the toolbar;
- *Java\Org\Jabref\gui\actions**StandardActions.java***: Add a line to the already existing *enum*, which would connect the button to an icon, and also add a tooltip to the button;
- *Java\Org\Jabref\gui\icon**IconTheme.java***: Add a specific line to create the new button;
- We would also create a new class similar to *Java\Org\Jabref\gui\importer**ImportEntriesDialog.java*** (in the same path) because we want a window (a "dialog") identical to the one this class makes. Inside the new class, we would also create a new method which would fetch the co-author names of the currently selected entries, and we would then proceed to make the search for the co-authors' works and list them in the new window. This is the class that would be called when the button is pressed;
- Other related classes that we possibly missed.

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