

Bonsoir

Inscription Connexion Graphe GrapheAdmin

Welcome, Bonsoir

GENERAL KNOWLEDGE

SCORE : 3

Question 1 :

How would one say goodbye in Spanish?

Adiós Salir

Hola Au Revoir

QUIT NEXT QUESTION

Présentation projet QCM

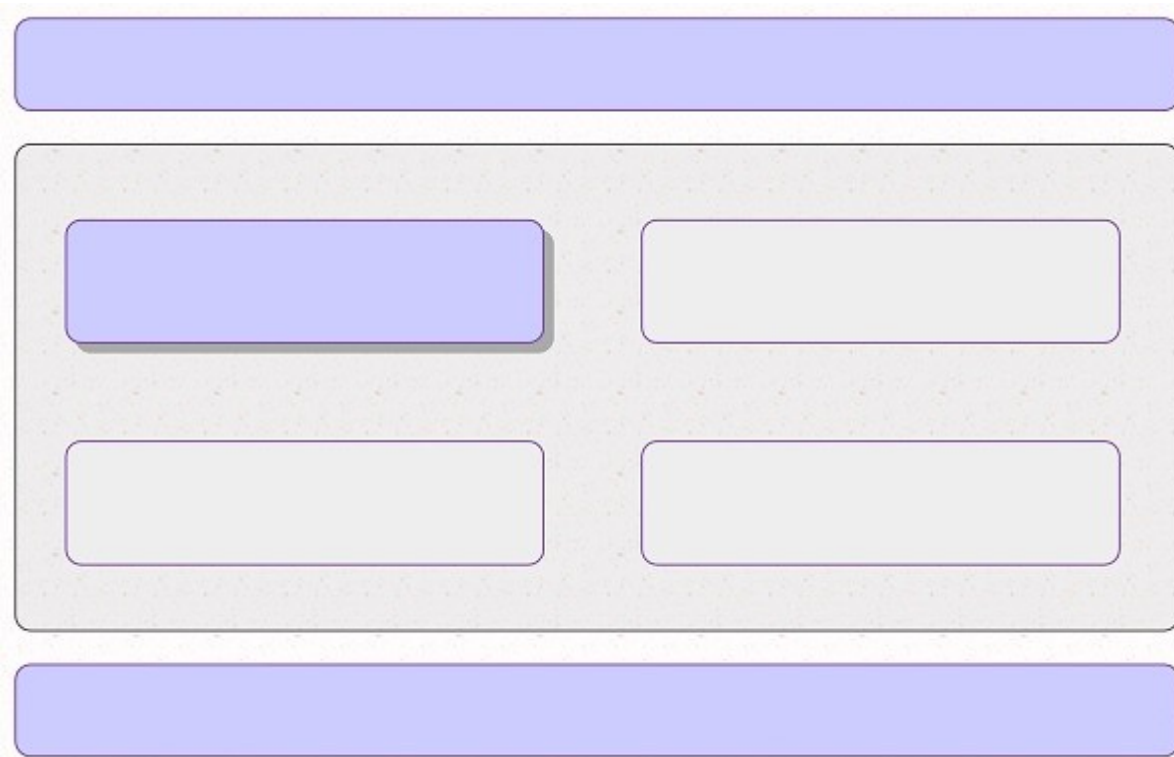
Par Fanny CHMIELINSKI et Gaëtan LE HEURT-FINOT
L3 S&T-MN – INSSET
2021/2022



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- Introduction
- État de l'art
- Modélisation
- Implémentation
- Conclusion
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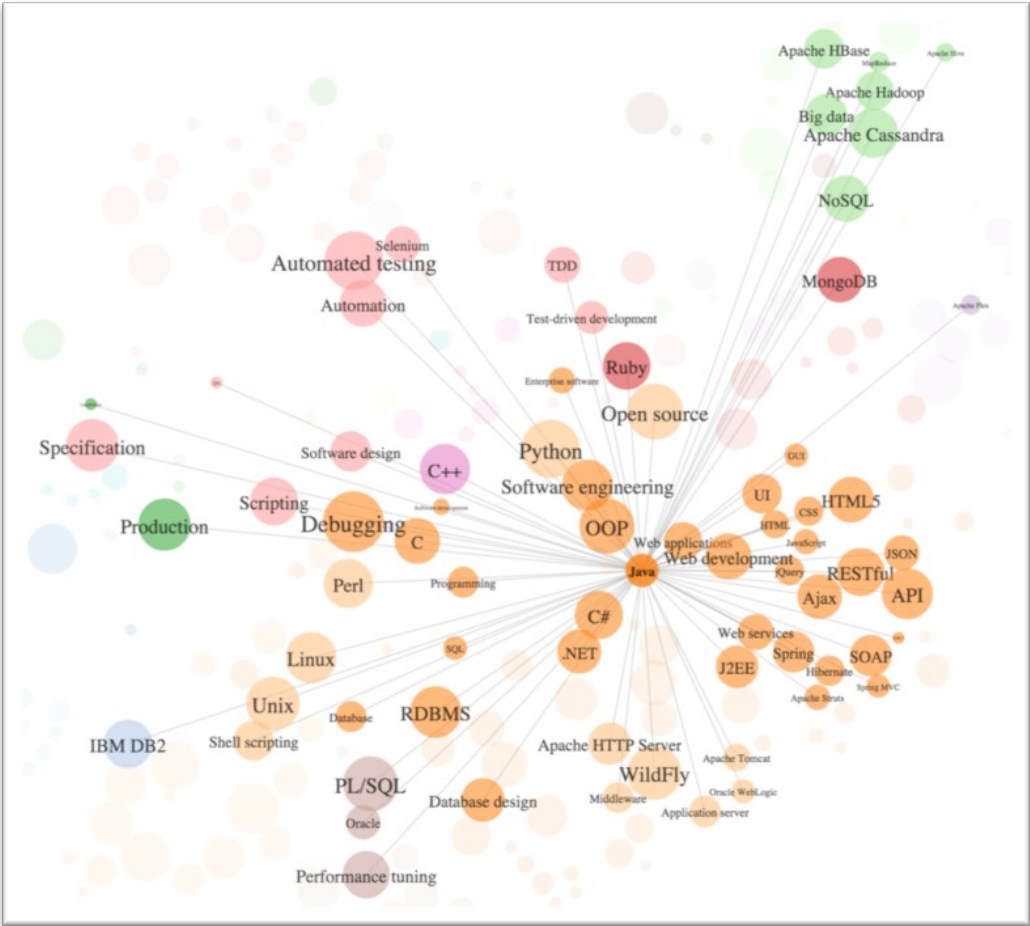
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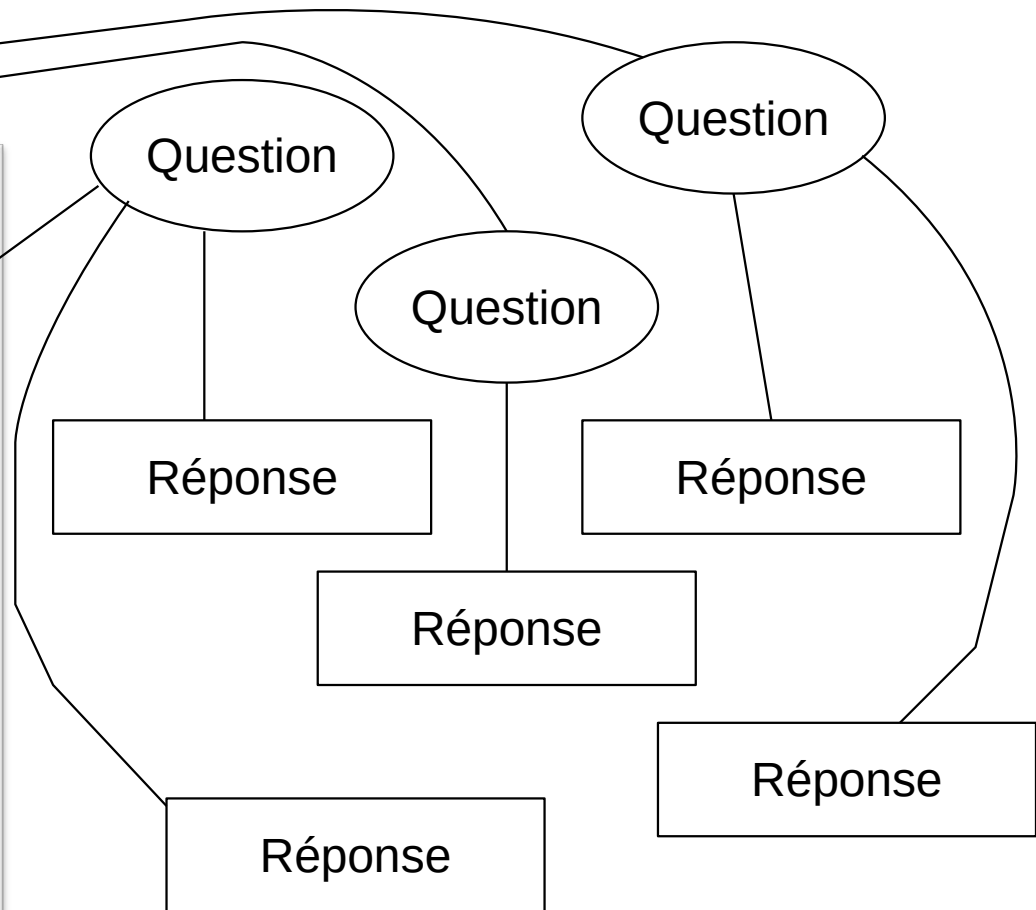
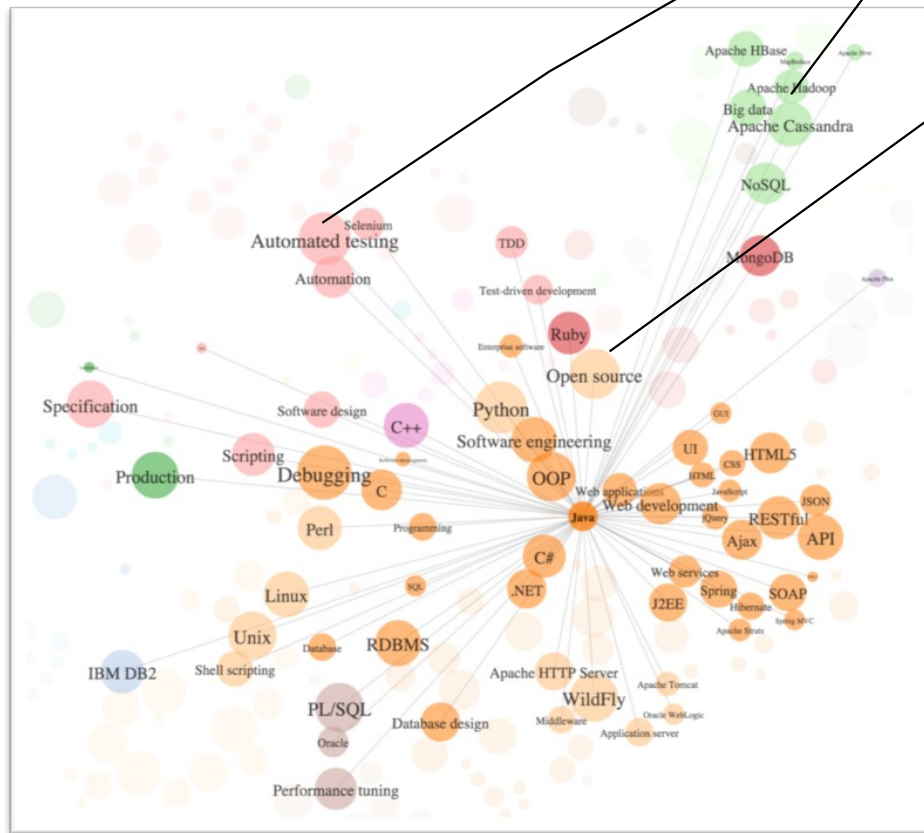


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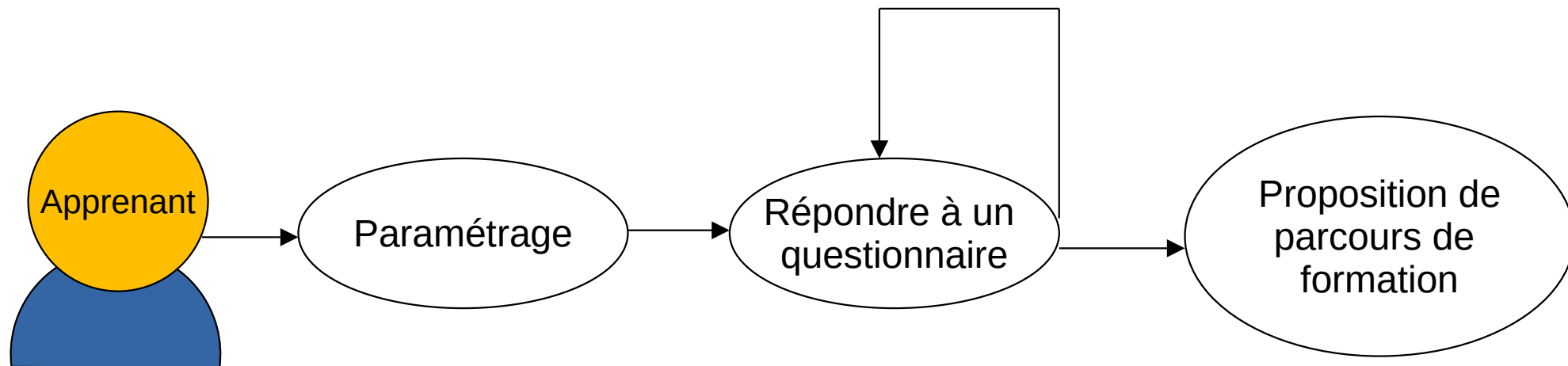


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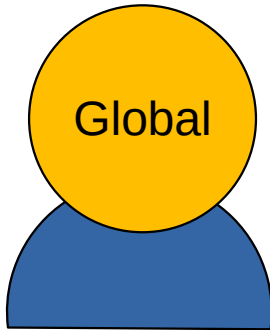
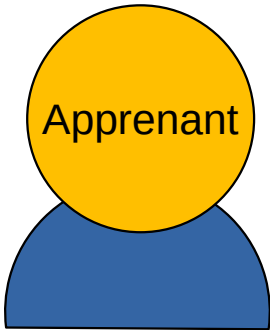




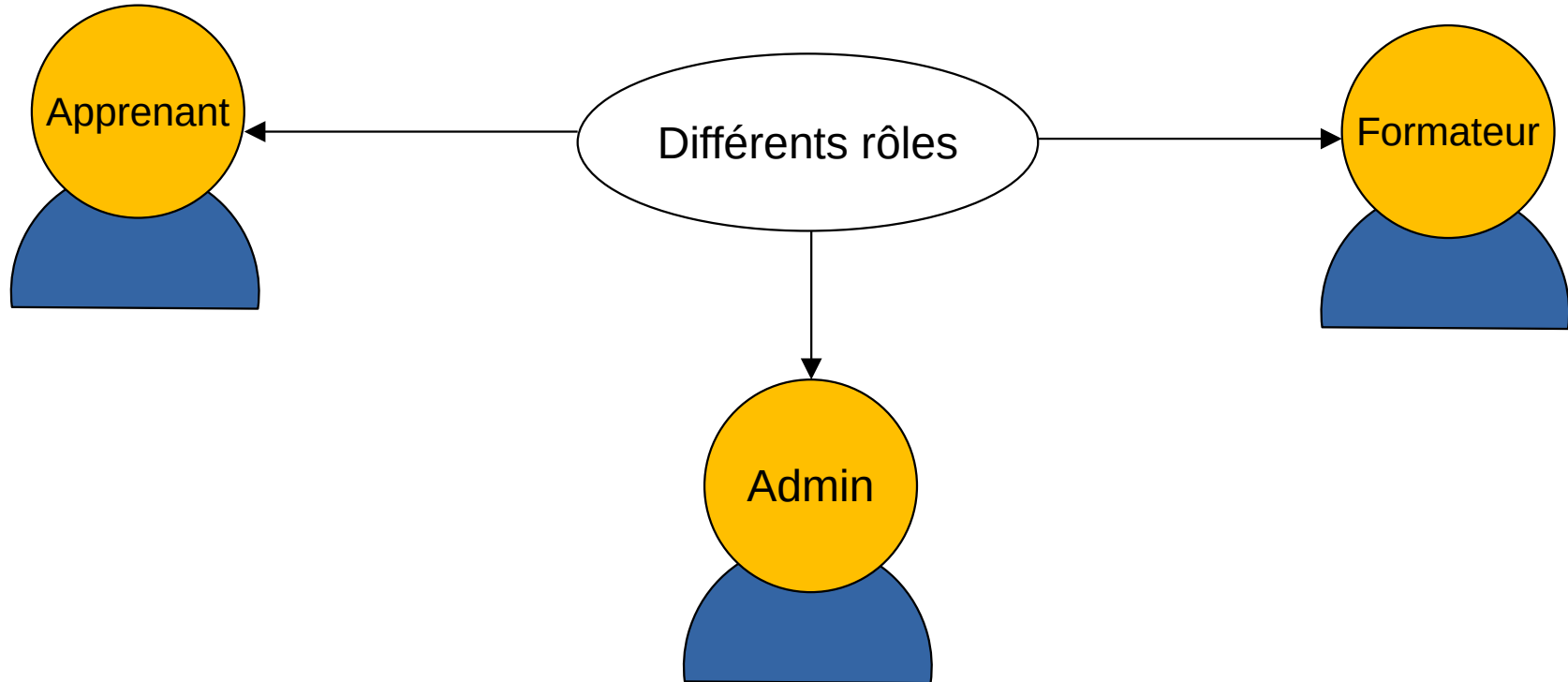
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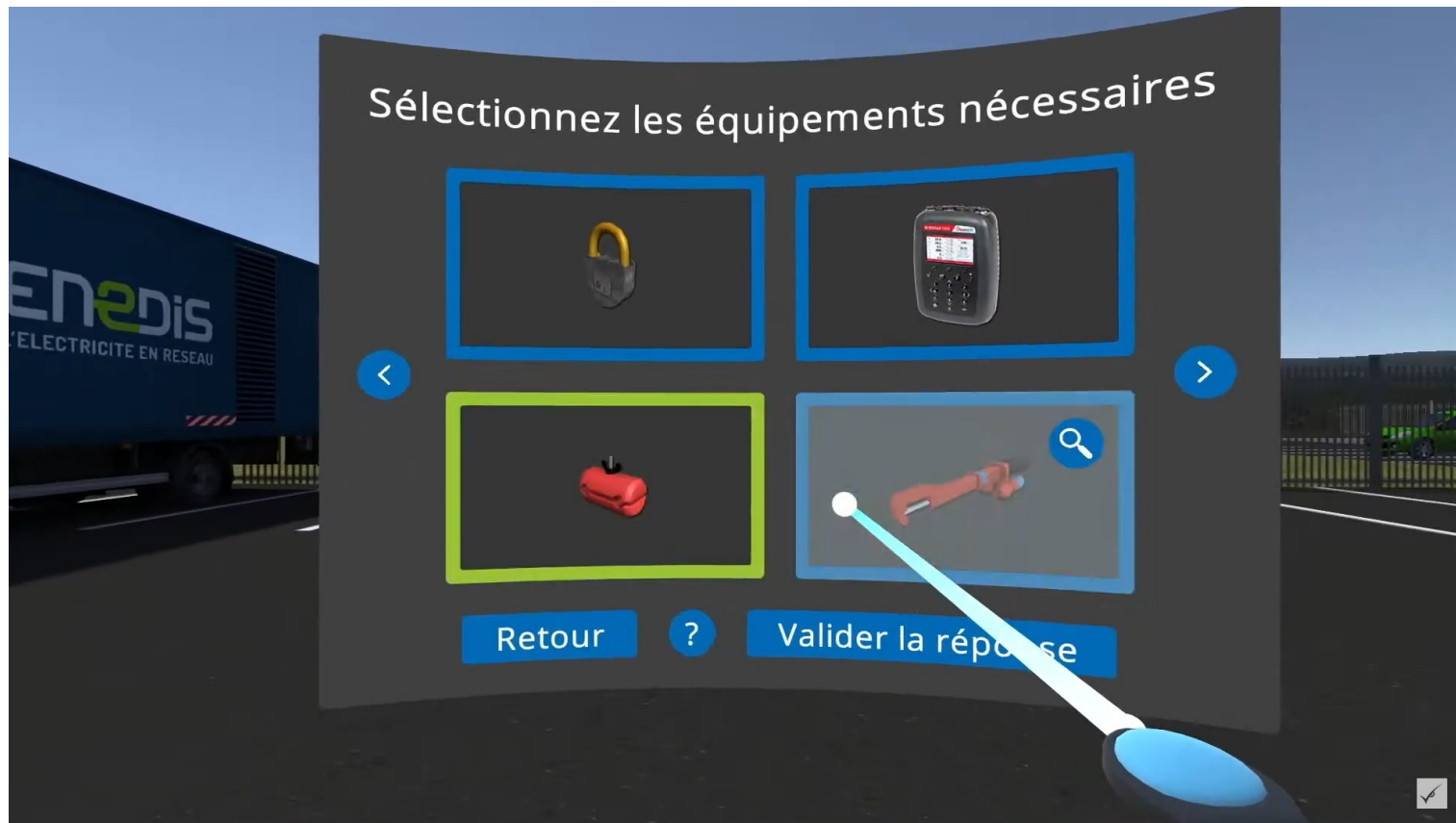
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Introduction



Introduction



Exemple non contractuel

État de l'art



The screenshot shows a web application interface. At the top, there is a black header bar. On the left of the header is a green logo with a silhouette of a woman and the word 'Voltaire'. To its right, the text '3. CLYTEMNESTRE' is displayed. Further right is a row of 15 white stars. On the far right of the header are two green buttons labeled 'STATISTIQUES' and 'SORTIR'. Below the header, the main content area is white. It contains the text 'Iago, dévoré par la jalousie, fomenté l'assassinat de Desdémone.' followed by a green button labeled 'IL N'Y A PAS DE FAUTE'. At the bottom of the page, there is a footer with the text 'ancrage mémoriel® assuré par' followed by a logo for 'Woonoz' and a link to 'Nos experts'.

3. CLYTEMNESTRE

Iago, dévoré par la jalousie, fomenté l'assassinat de Desdémone.

IL N'Y A PAS DE FAUTE

ancrage mémoriel® assuré par Woonoz

Nos experts

État de l'art

Grammaire

Choisissez la bonne réponse.

- Don't forget to take your keys! - No, I Sélectionnez la réponse ci-dessous

don't forget.

won't.

want.

don't.

Valider

État de l'art



État de l'art

Generating **quiz** questions from knowledge **graphs**

[D Seyler, M Yahya, K Berberich](#) - ... of the 24th International Conference on ..., 2015 - [dl.acm.org](#)

We propose an approach to generate natural language questions from knowledge **graphs** such as DBpedia and YAGO. We stage this in the setting of a **quiz** game. Our approach ...

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Knowledge questions from knowledge **graphs**

[D Seyler, M Yahya, K Berberich](#) - Proceedings of the ACM SIGIR ..., 2017 - [dl.acm.org](#)

Page 1. Knowledge estions from Knowledge **Graphs** ... We address the problem of automatically generating **quiz**-style knowledge questions from a knowledge **graph** such as ...

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[PDF] [arxiv.org](#)

[PDF] Visualization and prediction of learning activities by using discrete **graphs**

[F Okubo, A Shimada, C Yin, H Ogata](#) - Proceedings of the 23rd ..., 2015 - [academia.edu](#)

... and the **quiz** score for each lesson, all of which are collected from the LMS and the e-text system. We use these data to construct **graphs** for each grade, with the nodes of the **graph** ...

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[PDF] [academia.edu](#)

Evaluating preference for graphic feedback on correct versus incorrect performance

[SO Sigurdsson, BM Ring](#) - Journal of Organizational Behavior ..., 2013 - Taylor & Francis

... **Graphs** depicting percentage of incorrect performance depicted the percentage of incorrect answers for each **quiz**, and a ... of the percentage of incorrect responses **graph** depicted 10 ...

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The effects of self-management training on academic performance

[MR Dean, RW Malott, BJ Fulton](#) - Teaching of Psychology, 1983 - Taylor & Francis

... Both the **graph** pages and the schedule form were attached to the covers of ... rule statements (developed during Meeting I), weekly schedule form, and **quiz** or study **graphs** near their ...

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[PDF] [wmich.edu](#)

[PDF] Generating **Quiz** Questions from Knowledge **Graphs**

[DSMYK Berberich](#) - [myahya.org](#)


We propose an approach to generate natural language questions from knowledge **graphs** such as DBpedia and YAGO. We stage this in the setting of a **quiz** game. Our approach ...

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OTHER

Generating Quiz Questions from Knowledge Graphs




Authors:  Dominic Seyler,  Mohamed Yahya,  Klaus Berberich [Authors Info & Claims](#)

WWW '15 Companion: Proceedings of the 24th International Conference on World Wide Web • May 2015 • Pages 113–114 • <https://doi.org/10.1145/2740908.2742722>

Online: 18 May 2015 [Publication History](#)

9


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Generating Quiz Questions from...
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ABSTRACT
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Comments



ABSTRACT
We propose an approach to generate natural language questions from knowledge graphs such as DBpedia and YAGO. We stage this in the setting of a quiz game. Our approach, though, is general enough to be applicable in other settings. Given a topic of interest (e.g., Soccer) and a difficulty (e.g., hard), our approach selects a query answer, generates a SPARQL query having the answer as its sole result, before verbalizing the question.



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Home > Conferences > ICTIR > Proceedings > ICTIR '17 > Knowledge Questions from Knowledge Graphs

RESEARCH-ARTICLE

Knowledge Questions from Knowledge Graphs

Authors: Dominic Seyler, Mohamed Yahya, Klaus Berberich [Authors Info & Claims](#)

ICTIR '17: Proceedings of the ACM SIGIR International Conference on Theory of Information Retrieval • October 2017
• Pages 11–18 • <https://doi.org/10.1145/3121050.3121073>

Online: 01 October 2017 [Publication History](#)

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ABSTRACT

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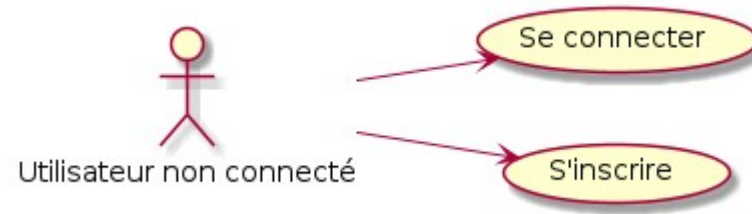
ABSTRACT

 We address the problem of automatically generating quiz-style knowledge questions from a knowledge graph such as DBpedia. Questions of this kind have ample applications, for instance, to educate users about or to evaluate their knowledge in a specific domain. To solve the problem, we propose a novel end-to-end approach. The approach first selects a named entity from the knowledge graph as an answer. It then generates a structured triple-pattern query, which yields the answer as its sole result. If a multiple-choice question is desired, the approach selects alternative answer options as distractors. Finally, our approach uses a template-based method to verbalize the structured query and yield a natural language

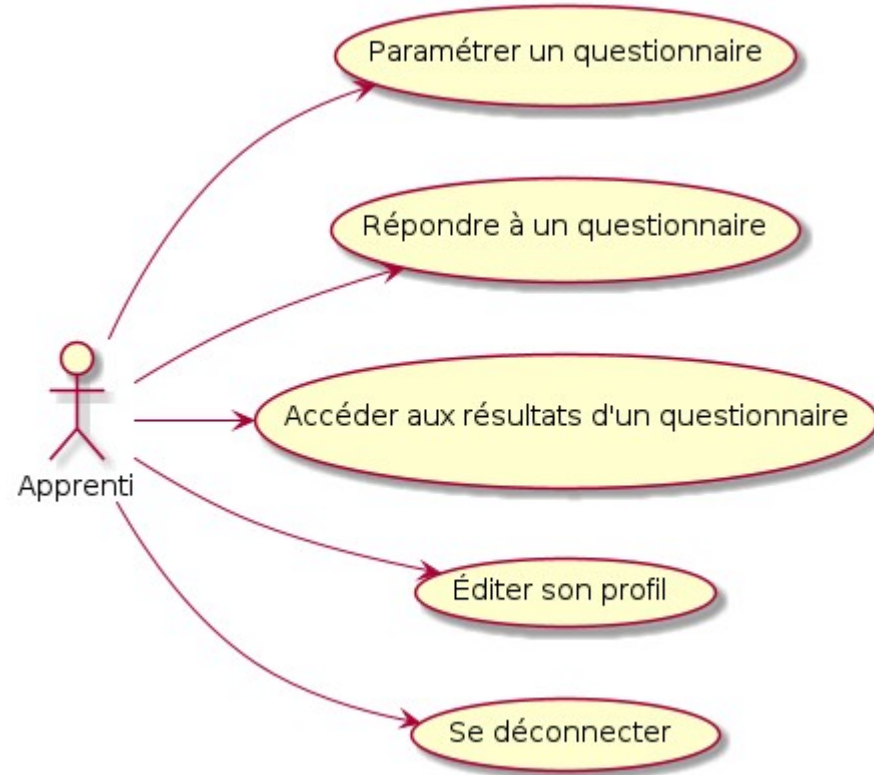
État de l'art



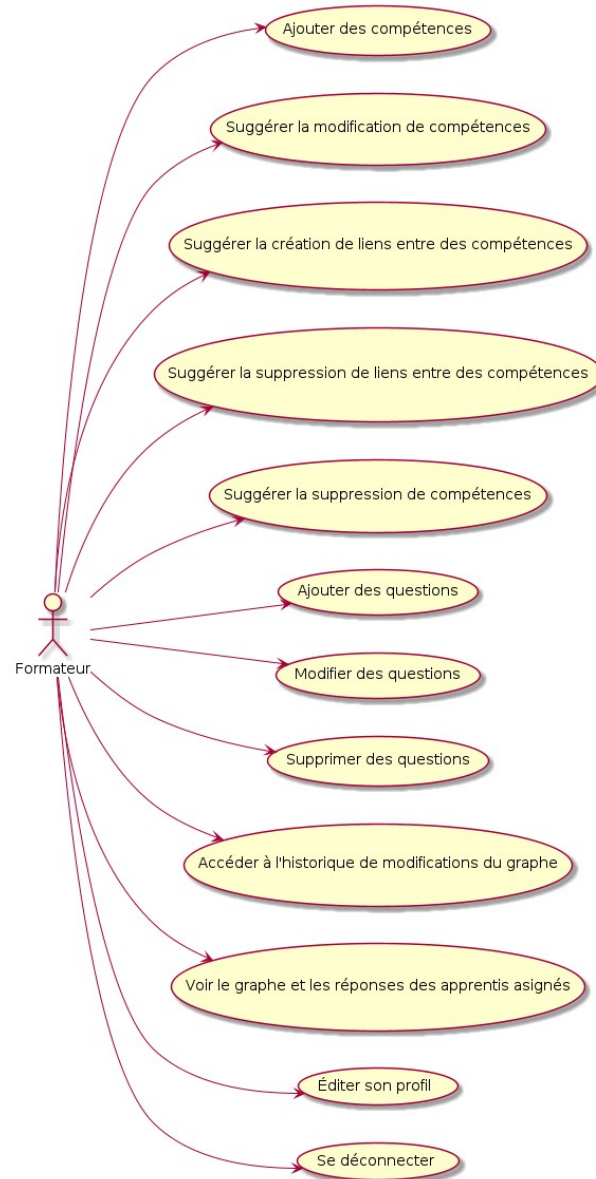
Modélisation



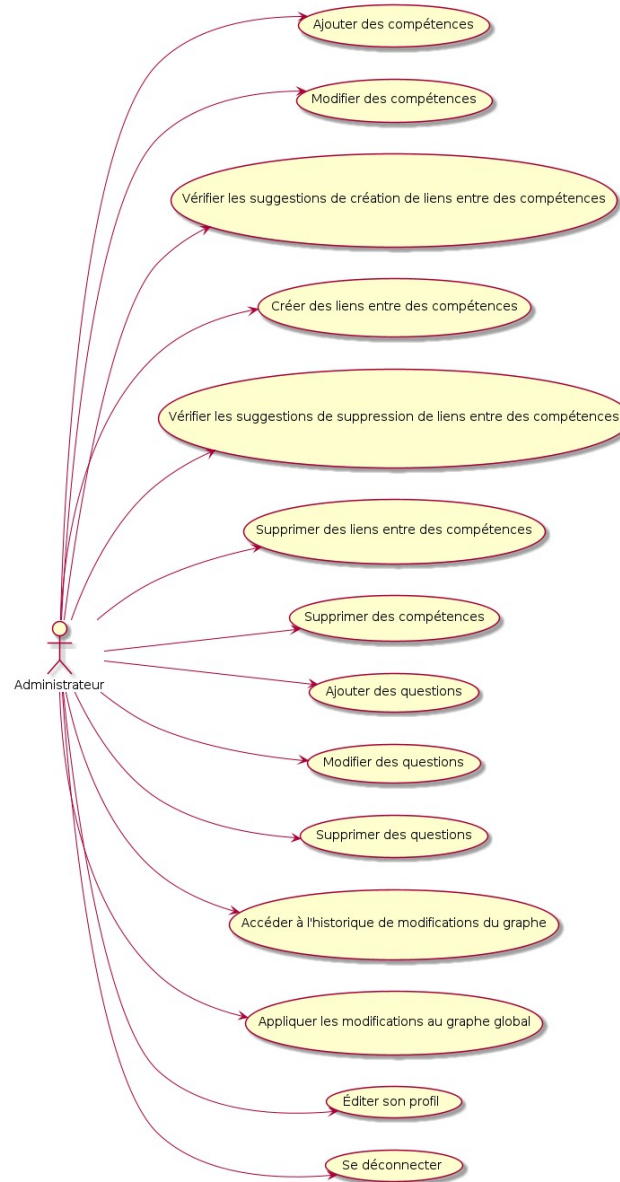
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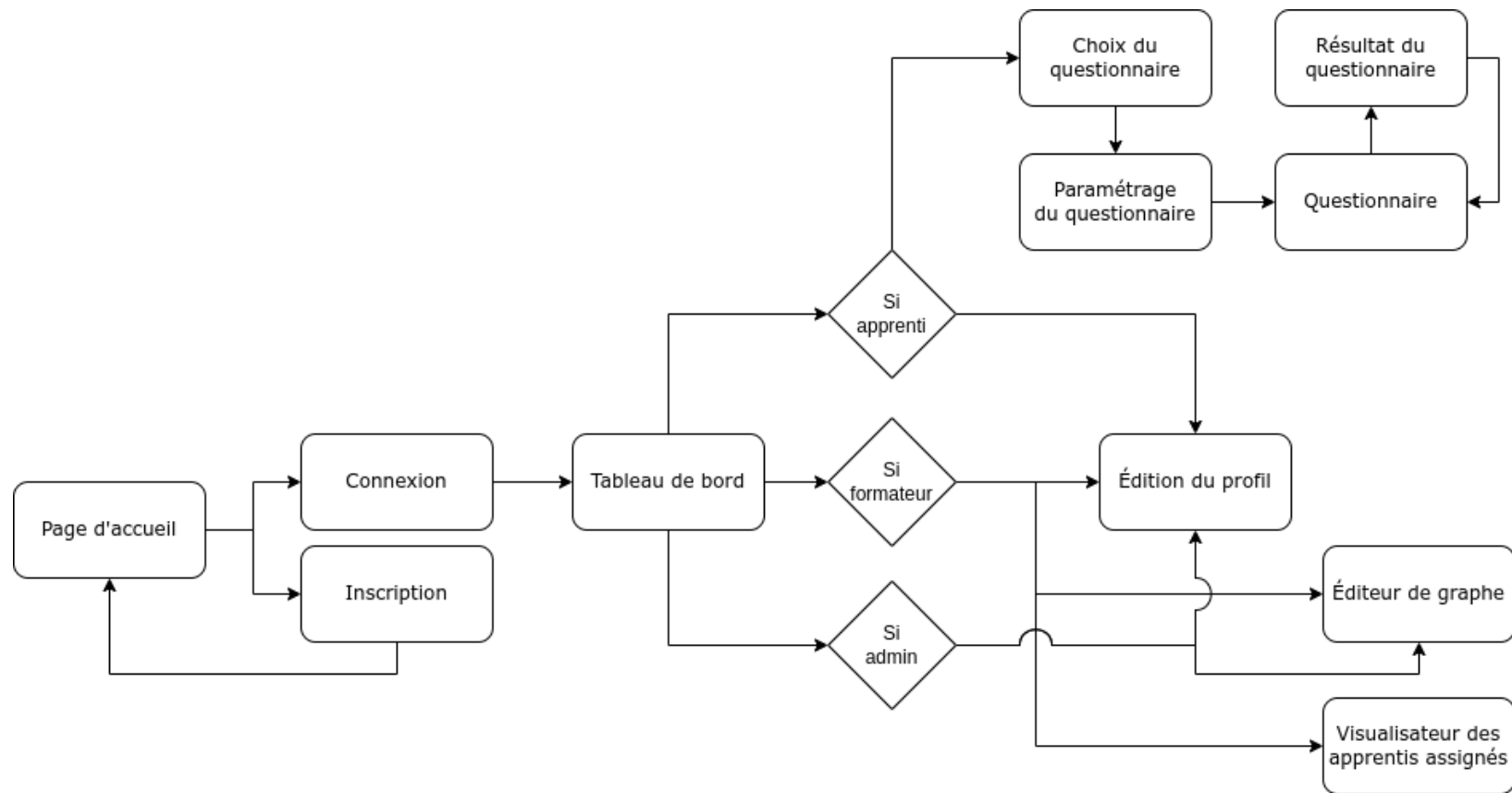
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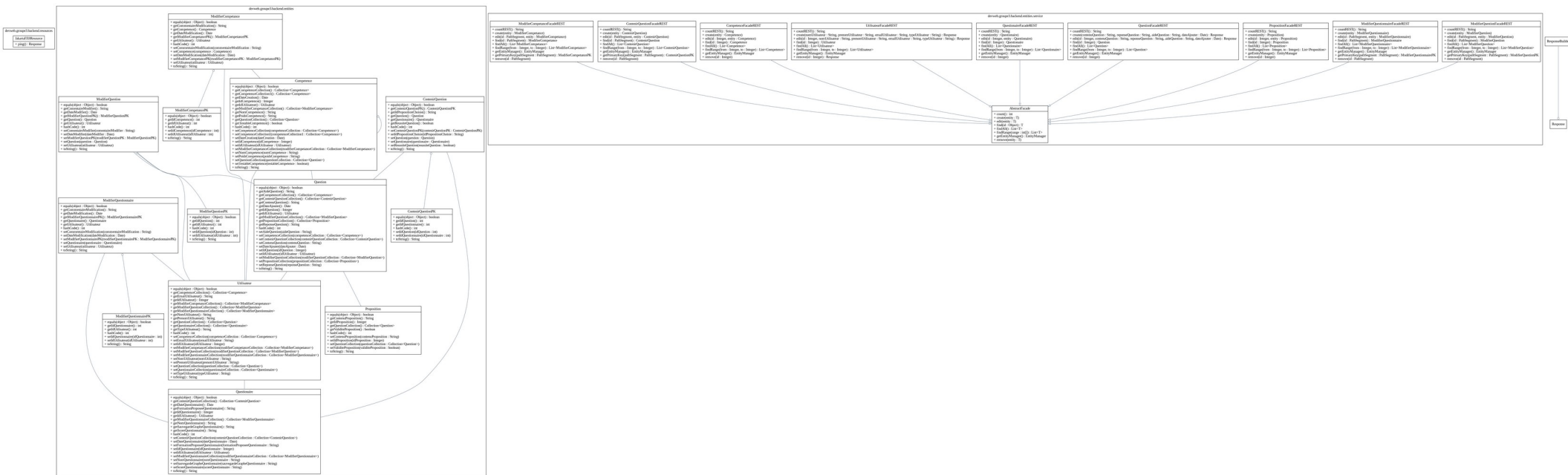
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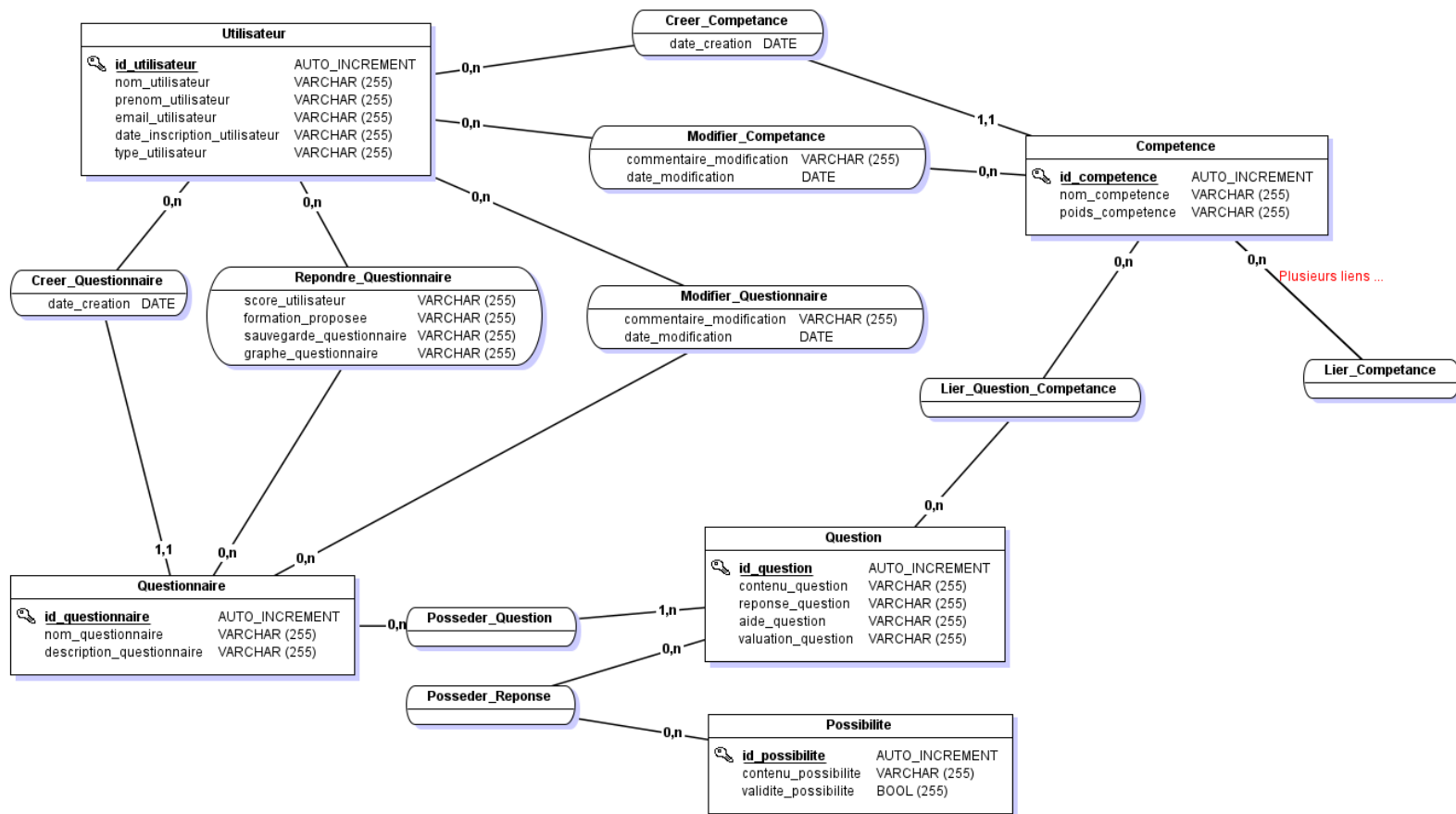
Modélisation



Modélisation



Modélisation



Implémentation

Type	URL	Explication
POST	/utilisateur/add	Ajouter un utilisateur
PUT	/utilisateur/update/{id}	Éditer un utilisateur
GET	/utilisateur/count	Compter le nombre d'utilisateurs
GET	/utilisateur/{id}	Récupérer les données d'un utilisateur
GET	/utilisateur/{from}/{to}	Afficher les utilisateurs avec un id entre X et Y
POST	/question/add	Ajouter une question
...

Implémentation

The screenshot shows a web application interface with the following elements and handwritten annotations:

- Header:** A light blue bar containing the text "Bonsoir" on the left and a navigation menu on the right. The navigation menu includes "Inscription", "Connexion", "Graphe", and "GrapheAdmin".
 - Handwritten annotation: "NAV BAR" in green above the navigation menu.
 - Handwritten annotation: A green bracket groups "Graphe" and "GrapheAdmin".
 - Handwritten annotation: A blue arrow points from the "Graphe" link down to the text "à masquer" (to be hidden).
- Main Content Area:** Titled "Quiz Settings".
 - Handwritten annotation: "fichier" (file) in red above the "Home.js" input field.
 - Handwritten annotation: "Norm du Site" (Site Norm) in red, with a red arrow pointing from "Bonsoir" to it.
 - Handwritten annotation: "propriétés home.js" (home.js properties) in red, located below "Norm du Site".
 - Form fields: "Home.js" (text input), "Selectionner catégorie" (dropdown), and "Selectionner difficulté" (dropdown).
 - Handwritten annotation: "[nom user]" in red next to the "Home.js" field.
 - Button: A blue button labeled "DÉBUTER QUIZ".

Implémentation

The screenshot shows a web application interface for a trivia game. The header includes the text "Bonsoir" on the left and navigation links "Inscription", "Connexion", "Graphe", and "GrapheAdmin" on the right. The main content area features a "Welcome, Bonsoir" message, a "GENERAL KNOWLEDGE" category label, and a "Question 1:" prompt. The question is "How would one say goodbye in Spanish?". Four answer options are provided: "Adiós", "Salir", "Hola", and "Au Revoir". At the bottom, there are "QUIT" and "NEXT QUESTION" buttons. Handwritten annotations in blue and green ink are present: "Skill choi'si" with a circle around "GENERAL KNOWLEDGE", "API questions (TriviaDB)" with an arrow pointing to the question, and "nom user" with an arrow pointing to the "Welcome, Bonsoir" message. A "SCORE : 3" is also visible on the right.

Bonsoir

Inscription Connexion Graphe GrapheAdmin

Welcome, Bonsoir

GENERAL KNOWLEDGE

API questions (TriviaDB)

Question 1:

How would one say goodbye in Spanish?

Adiós

Salir

Hola

Au Revoir

QUIT

NEXT QUESTION

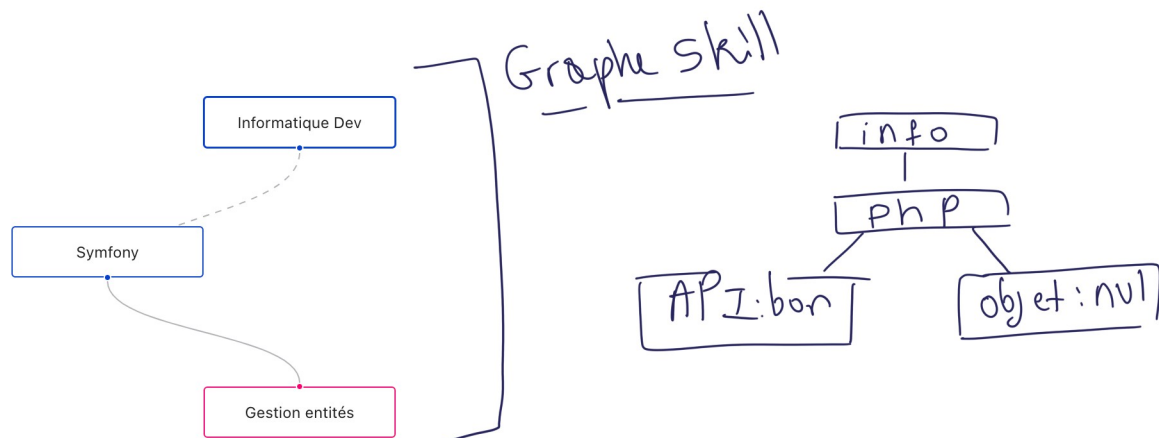
SCORE : 3

Implémentation

FINAL SCORE : 7

Score

GO TO HOMEPAGE



Implémentation

Bonsoir

Inscription Connexion Graphe GrapheAdmin

Signup.JS

email

password

password again

Sign Up

Already have an account?

↑

Redirect connexion

page cliquée

The image shows a web application interface for registration. At the top left, there is a red square. The main header area contains the text 'Bonsoir' on the left and a navigation menu with 'Inscription', 'Connexion', 'Graphe', and 'GrapheAdmin' on the right. The 'Inscription' link is circled in blue, with a blue arrow pointing to the handwritten text 'page cliquée'. Below the navigation menu is a registration form. The form consists of three input fields: 'email', 'password', and 'password again'. These three fields are grouped by a large blue bracket on the left, with the handwritten text 'Signup.JS' next to it. Below the input fields is a blue button labeled 'Sign Up'. Below the button is the text 'Already have an account?'. A blue arrow points upwards from the handwritten text 'Redirect connexion' to the 'Already have an account?' text.

Implémentation

Bonsoir

Inscription Connexion Graphe GrapheAdmin

email

password

Sign In

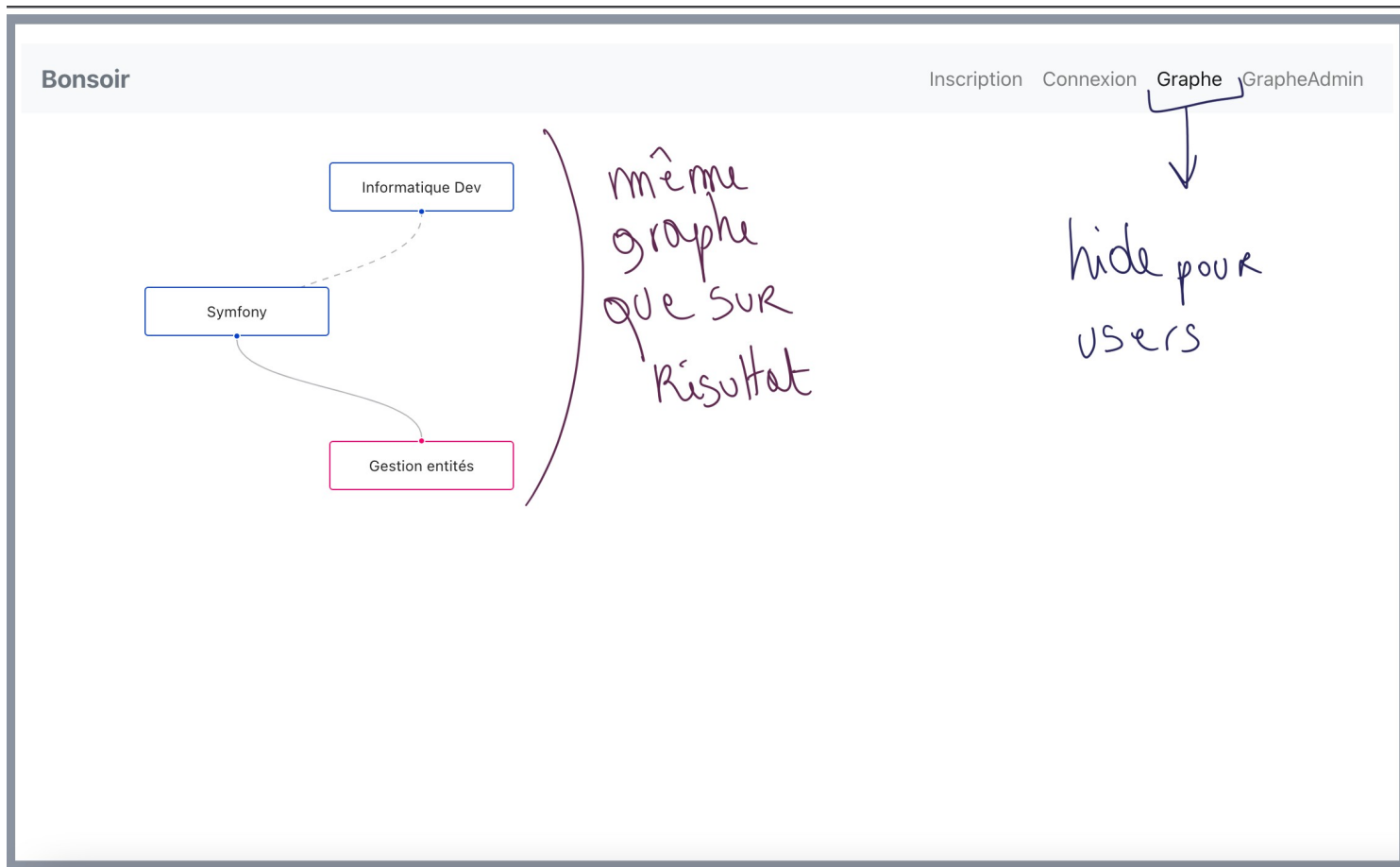
Don't have an account?

↓

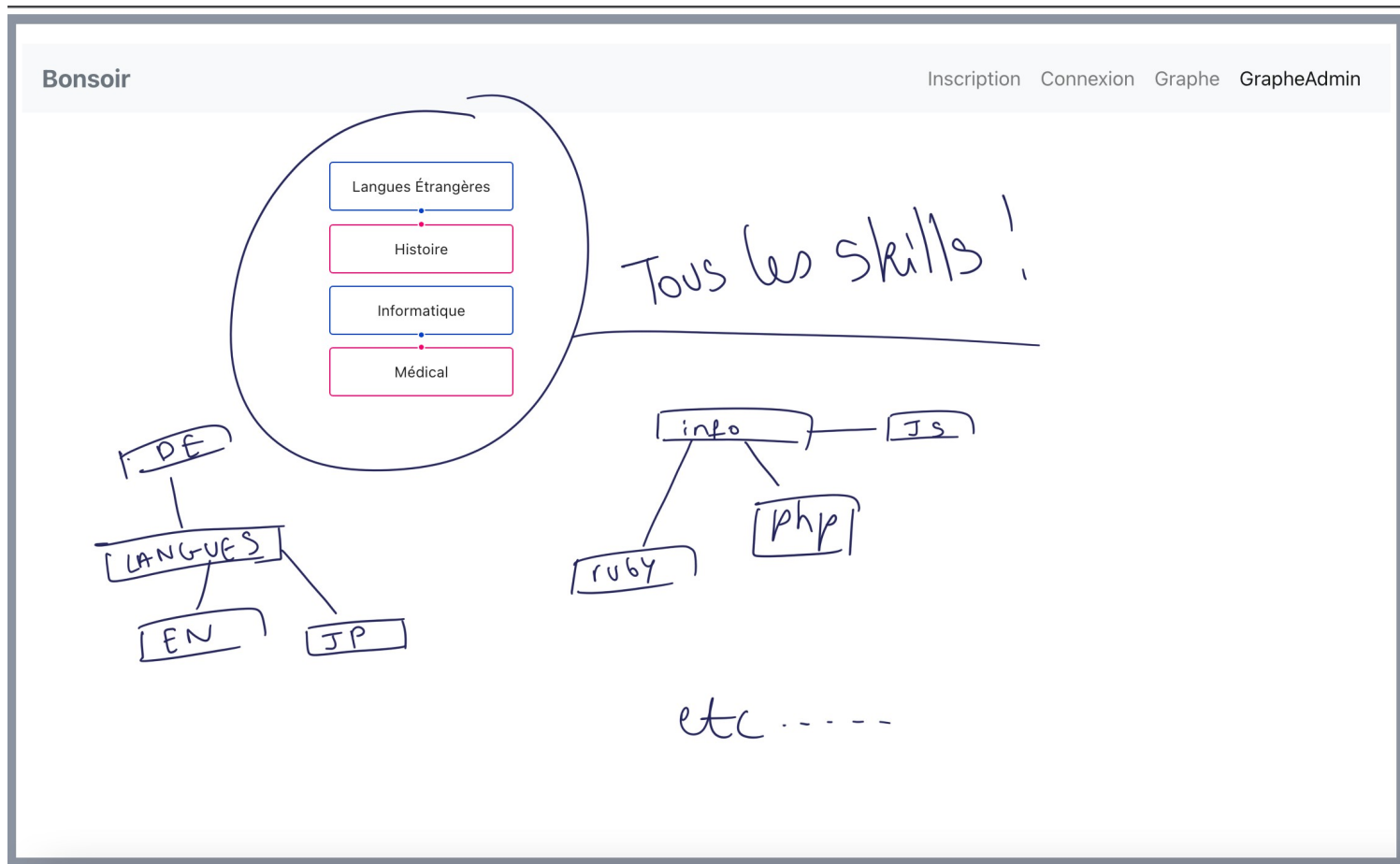
Redirect
signup.js

login.js

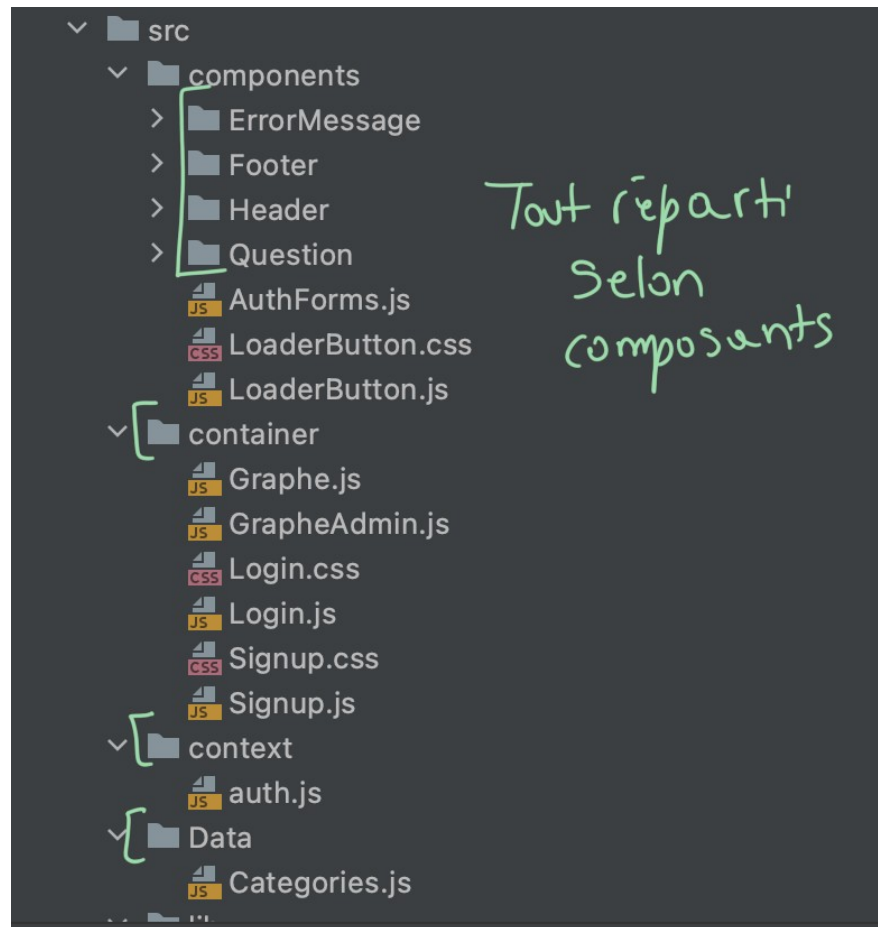
Implémentation



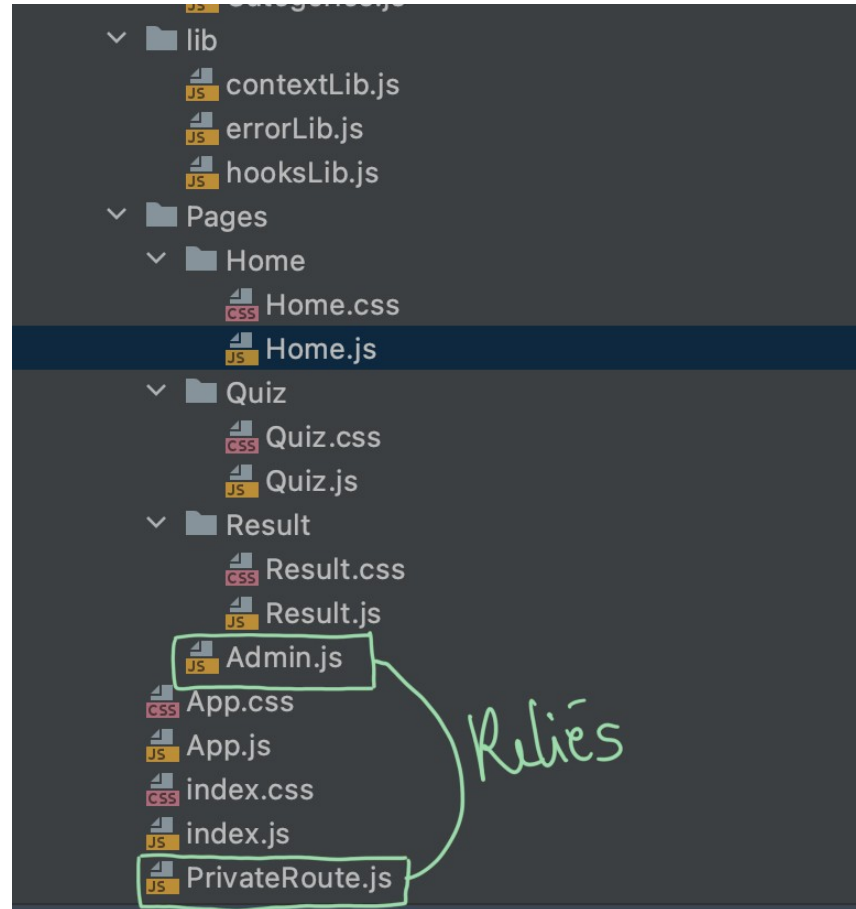
Implémentation



Implémentation



Implémentation



Implémentation

Exemple!

Quiz Settings

Home.js

Bonsoir

Selectionner catégorie

Médical

L.E, histoire, informatique

Selectionner difficulté

Facile

moyen, dur

DÉBUTER QUIZ



Conclusion



Critique