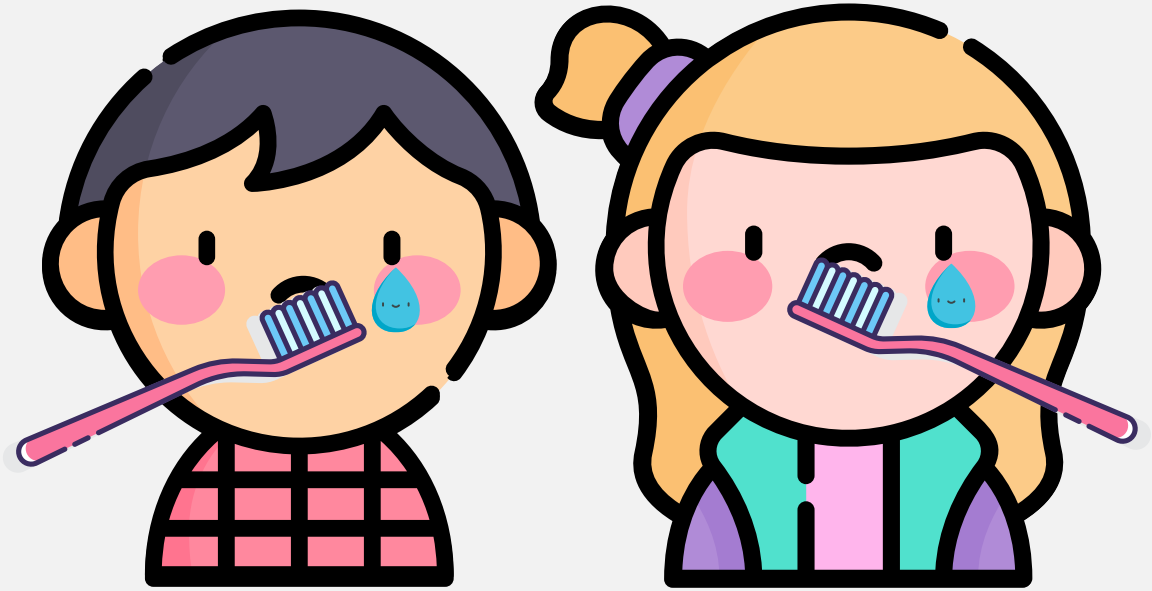
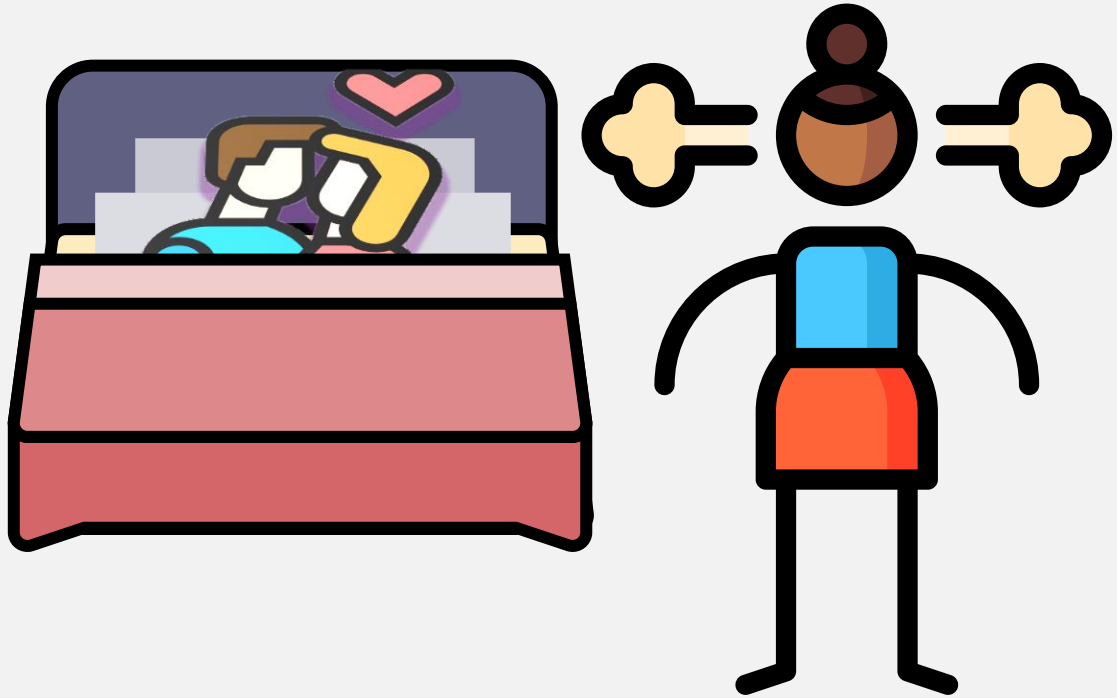
My Apartment
A new solution for an easier life

Imaginons…



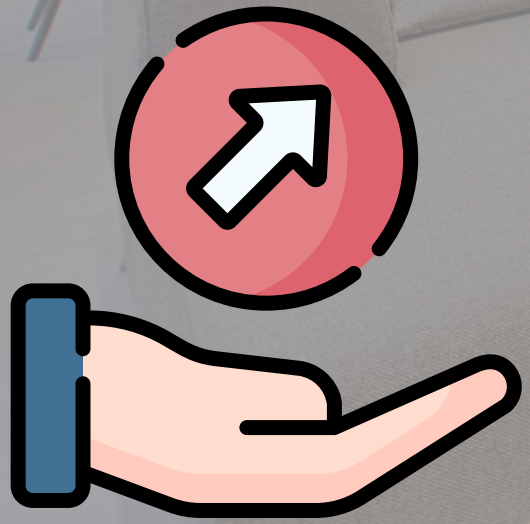


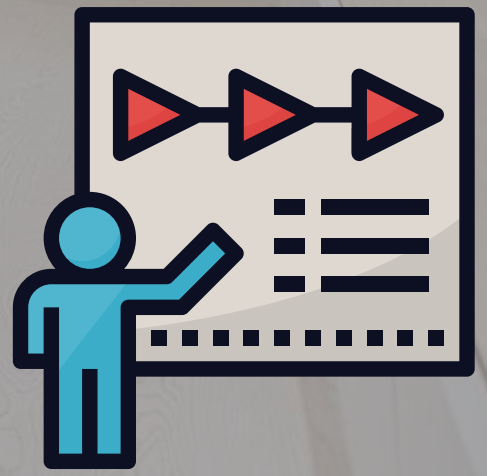
Imaginons…

My Apartment
A new solution for an easier life

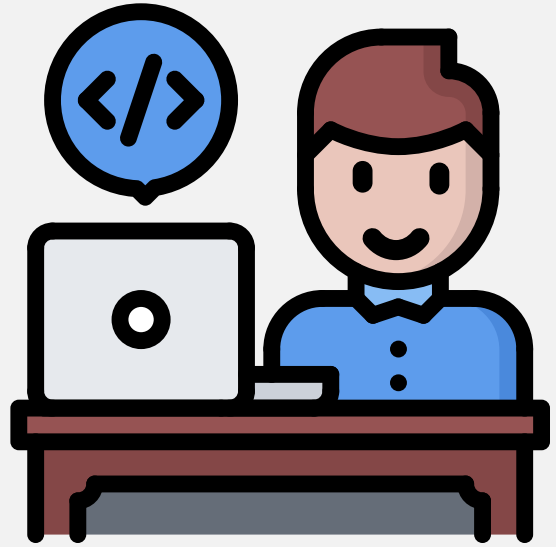
My Apartment

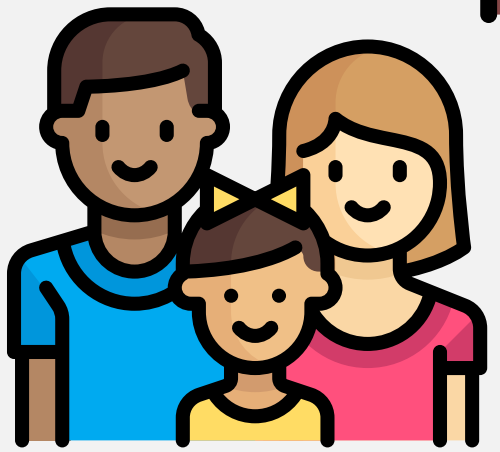
A new solution for an easier life



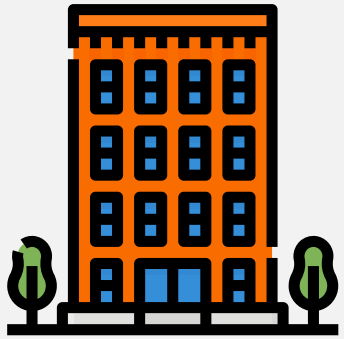


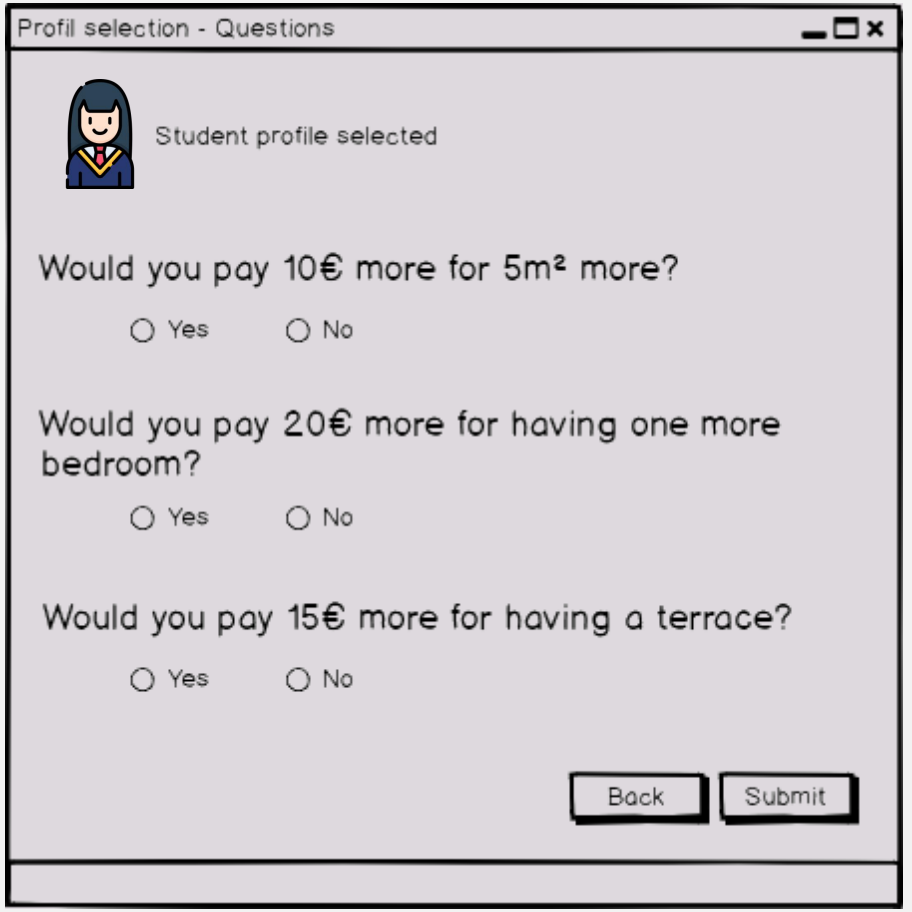
Le Concept





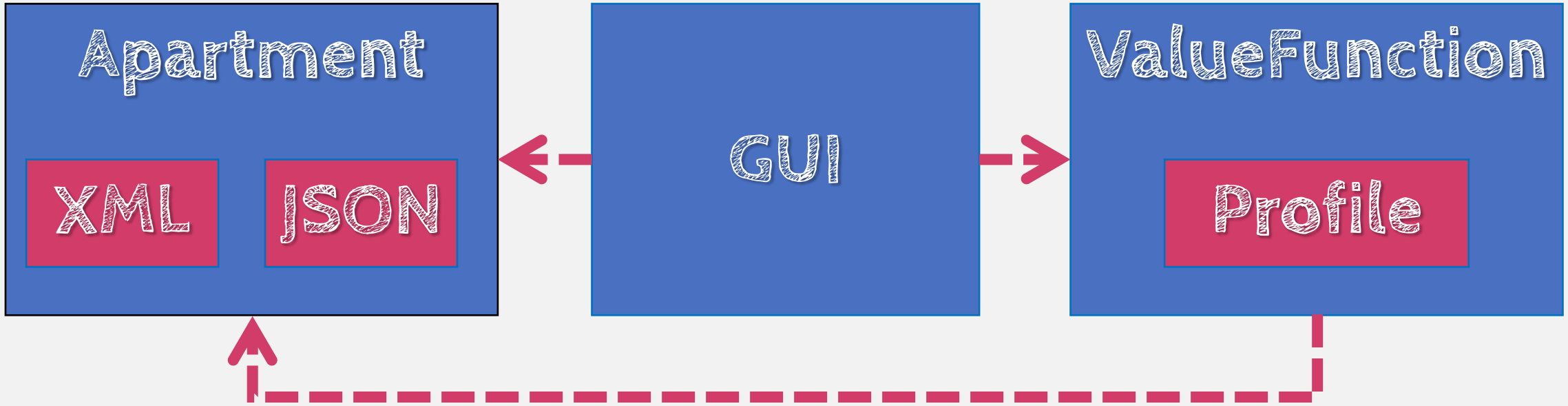
Le Concept




Profil selection - Questions
Student profile selected
Would you pay 10€ more for 5m² more?
Yes
No
Would you pay 20€ more for having one more bedroom?
Yes
No
Would you pay 15€ more for having a terrace?
Yes
No
Back
Submit

Architecture du code

Principaux packages



L'algorithme

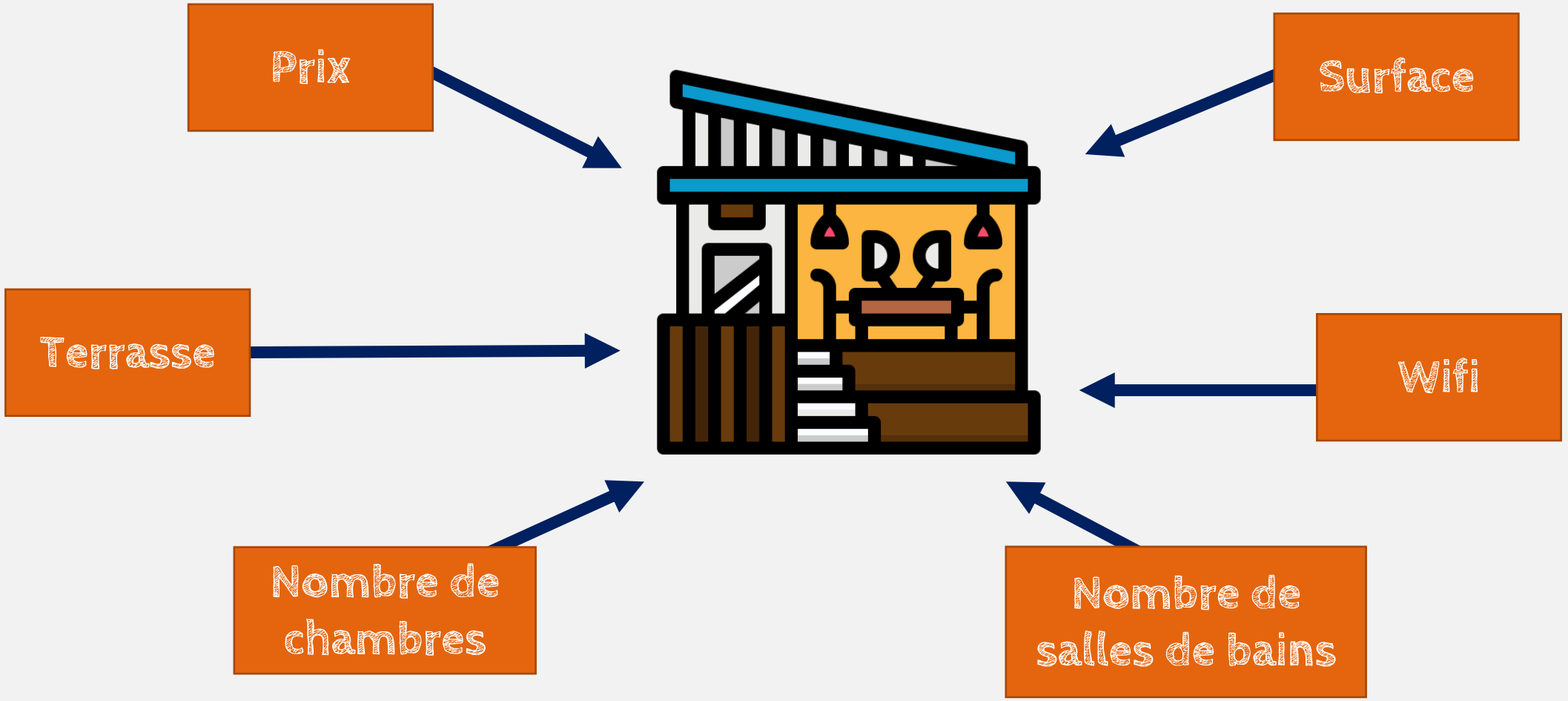
Évolution

Liste d'appartements intégrée à l'application

Appartements triés grâce à une fonction de valeur

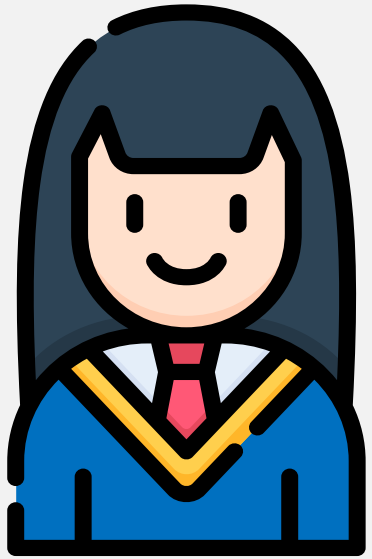
L'algorithme

Évolution



L'algorithme

Évolution



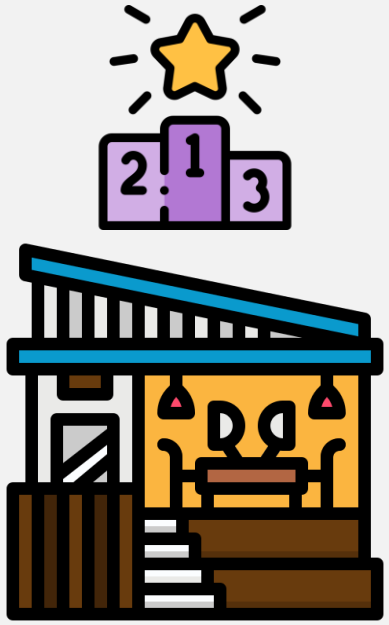
Je veux une surface entre 16 et 60 mètres carré.

Prix

Surface

L'algorithme

Évolution



15 mètres carré

Valeur subjective de 0 car
15 < 16

65 mètres carré

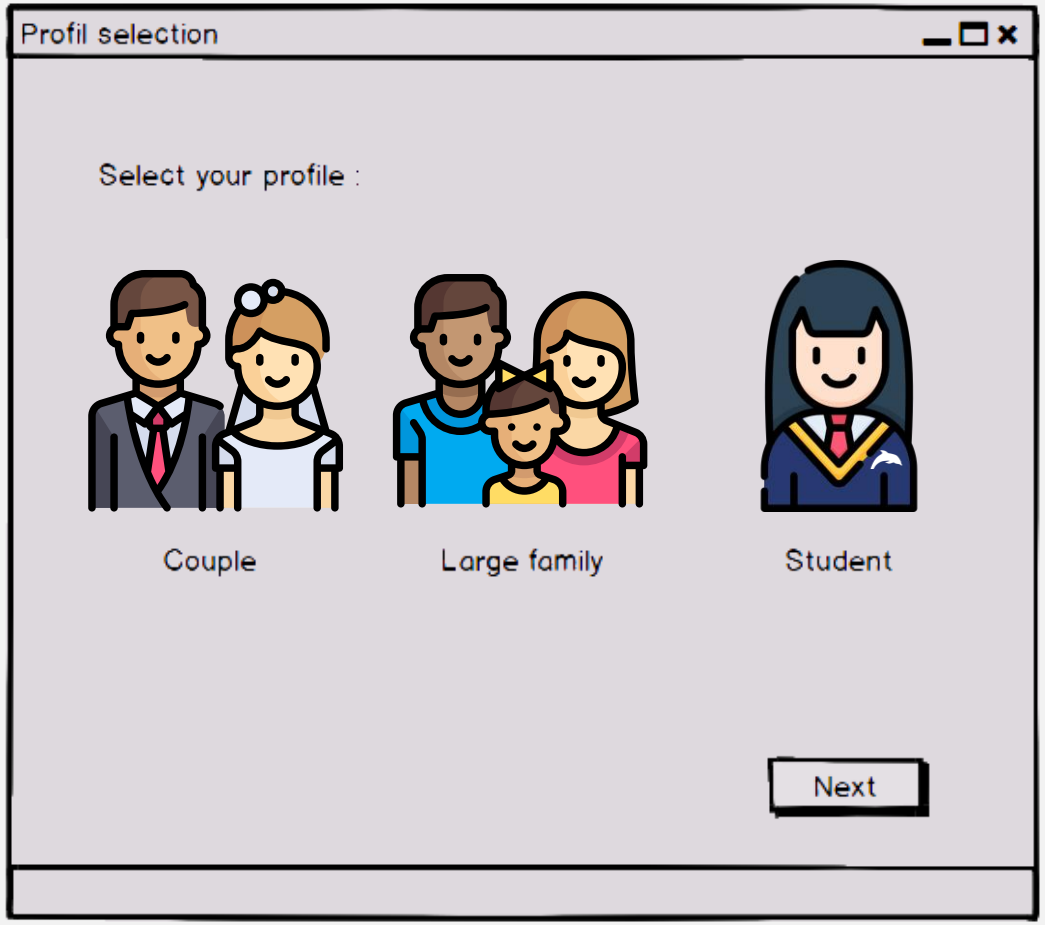
Valeur subjective de 1 car
65 > 60

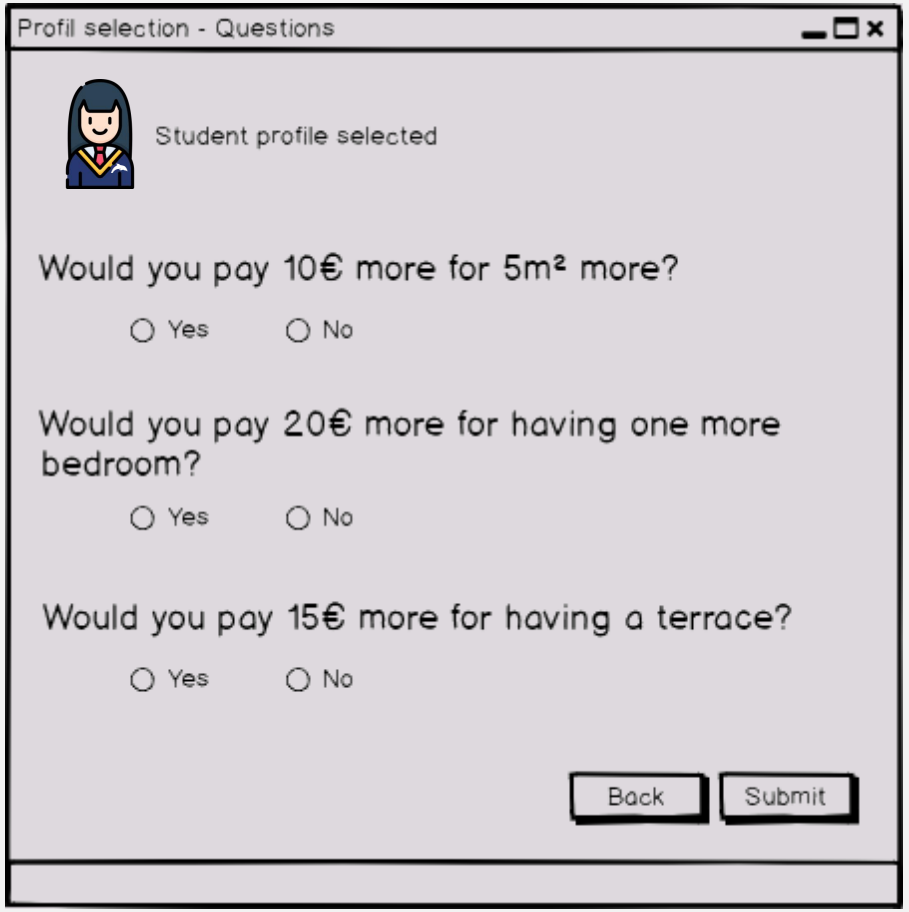
22 mètres carré

Valeur subjective de
22/(60-16) = 0,5

Les Profils

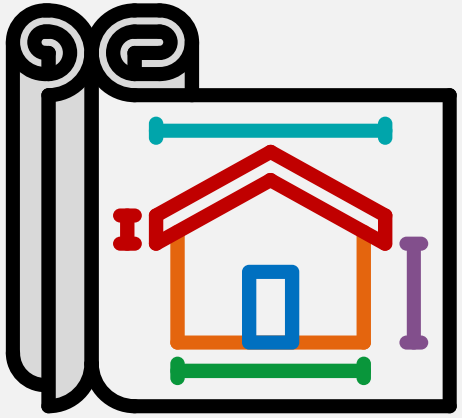
Nouveautés





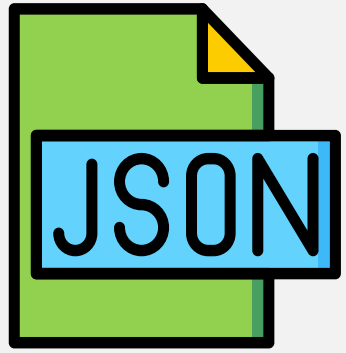
Import et export d'information

Nouveautés

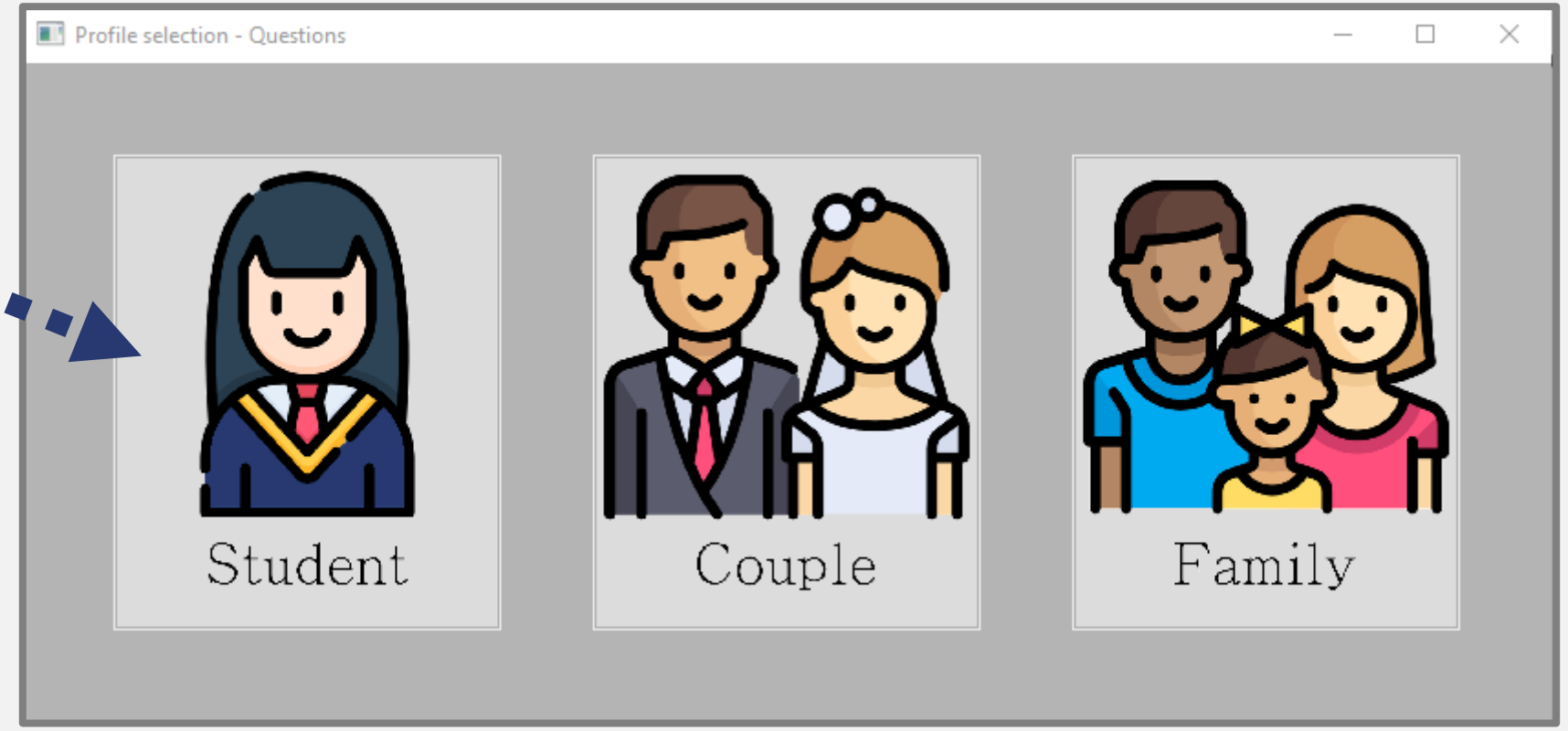


Objet immuable
Apartment factory
Génération d'adresse aléatoire

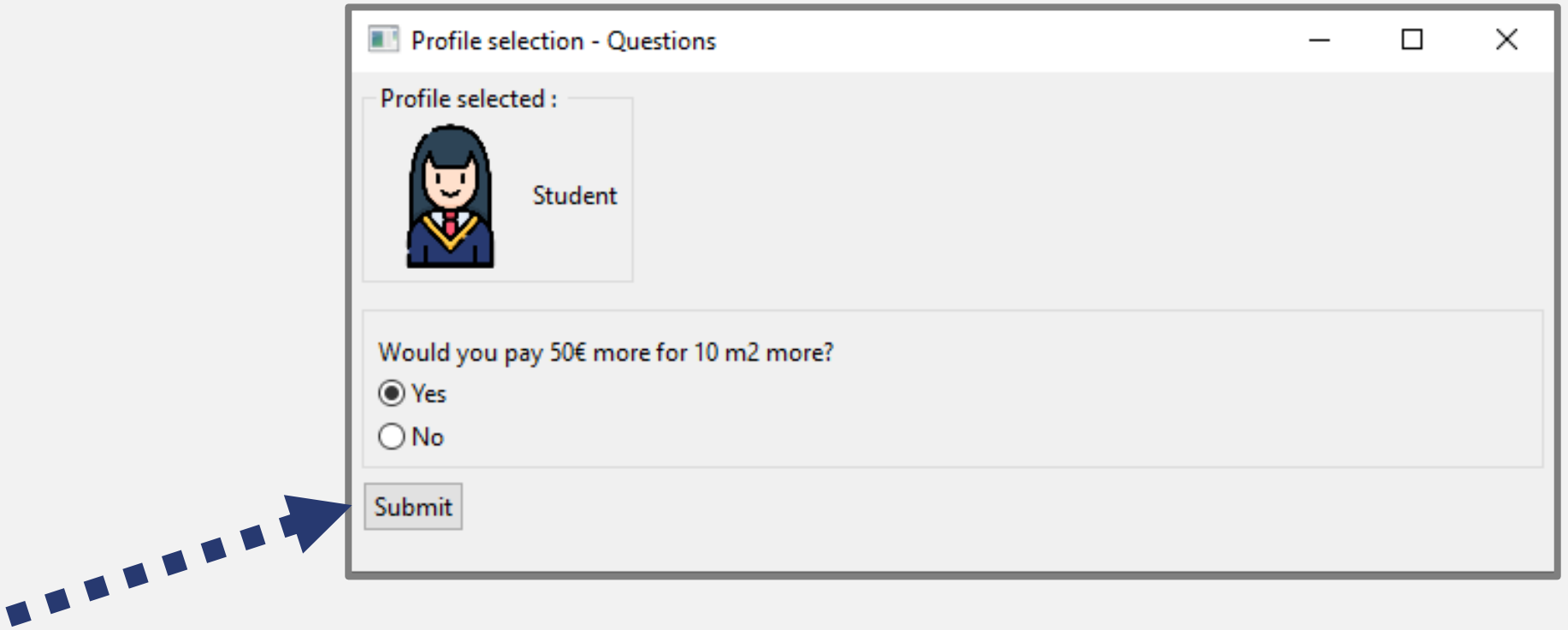
Convertir Apartment en JSON
Stocker une liste d'Apartment



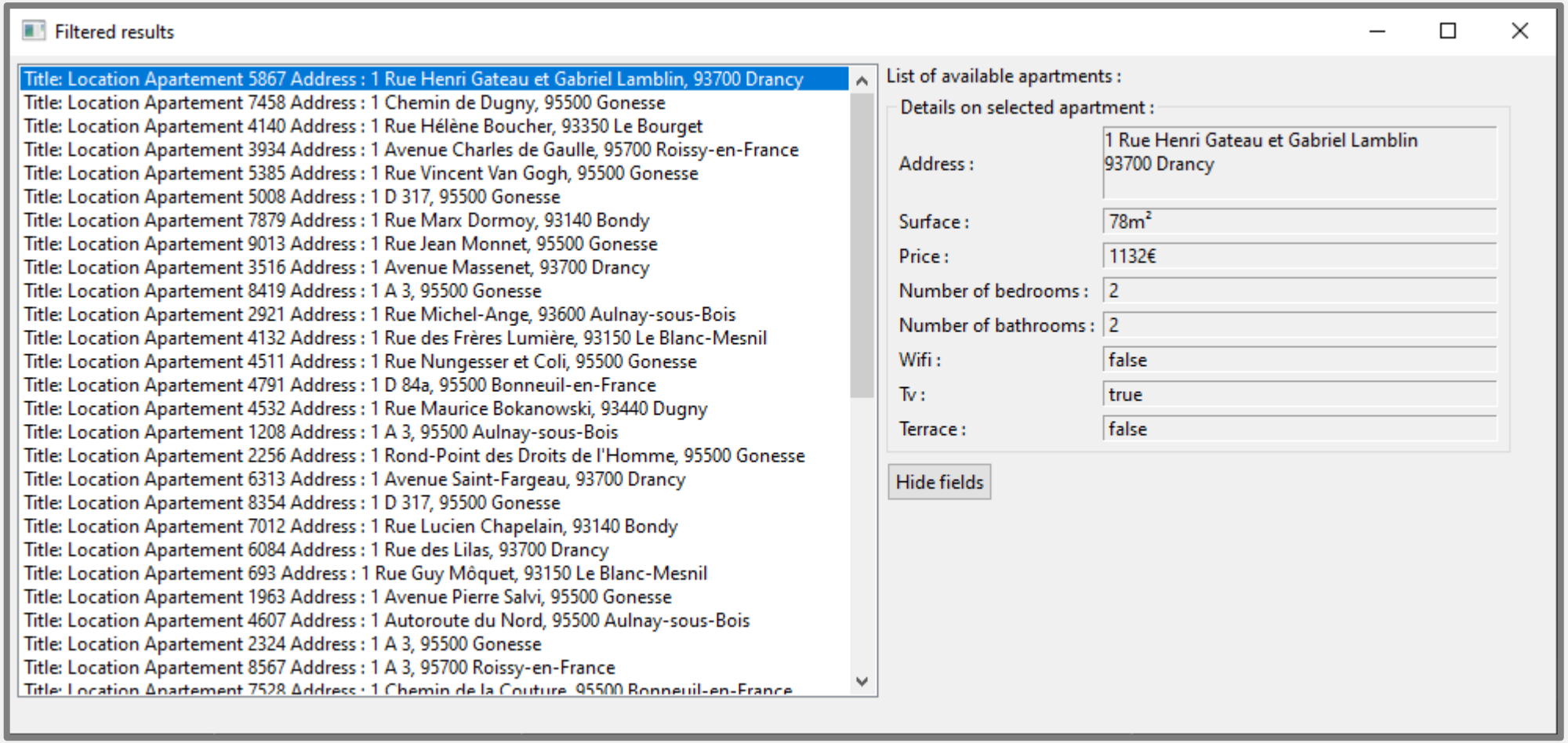
Démonstration



Démonstration



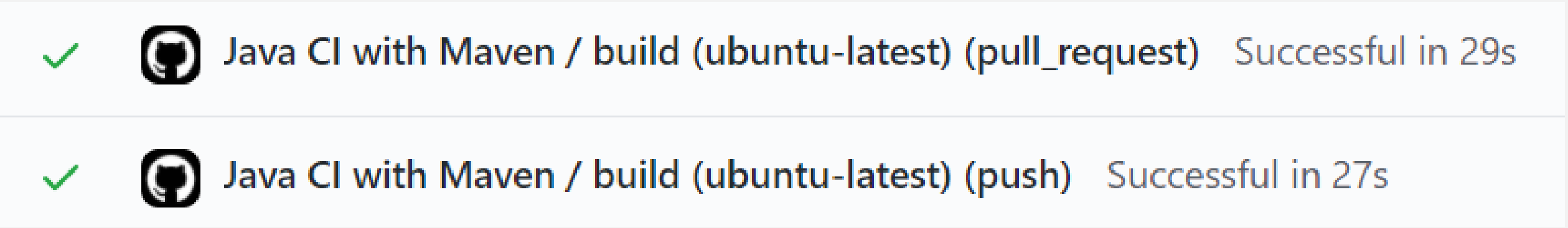
Démonstration



Un développement agréable

Nouveautés

Github Actions



Un développement agréable

Nouveautés

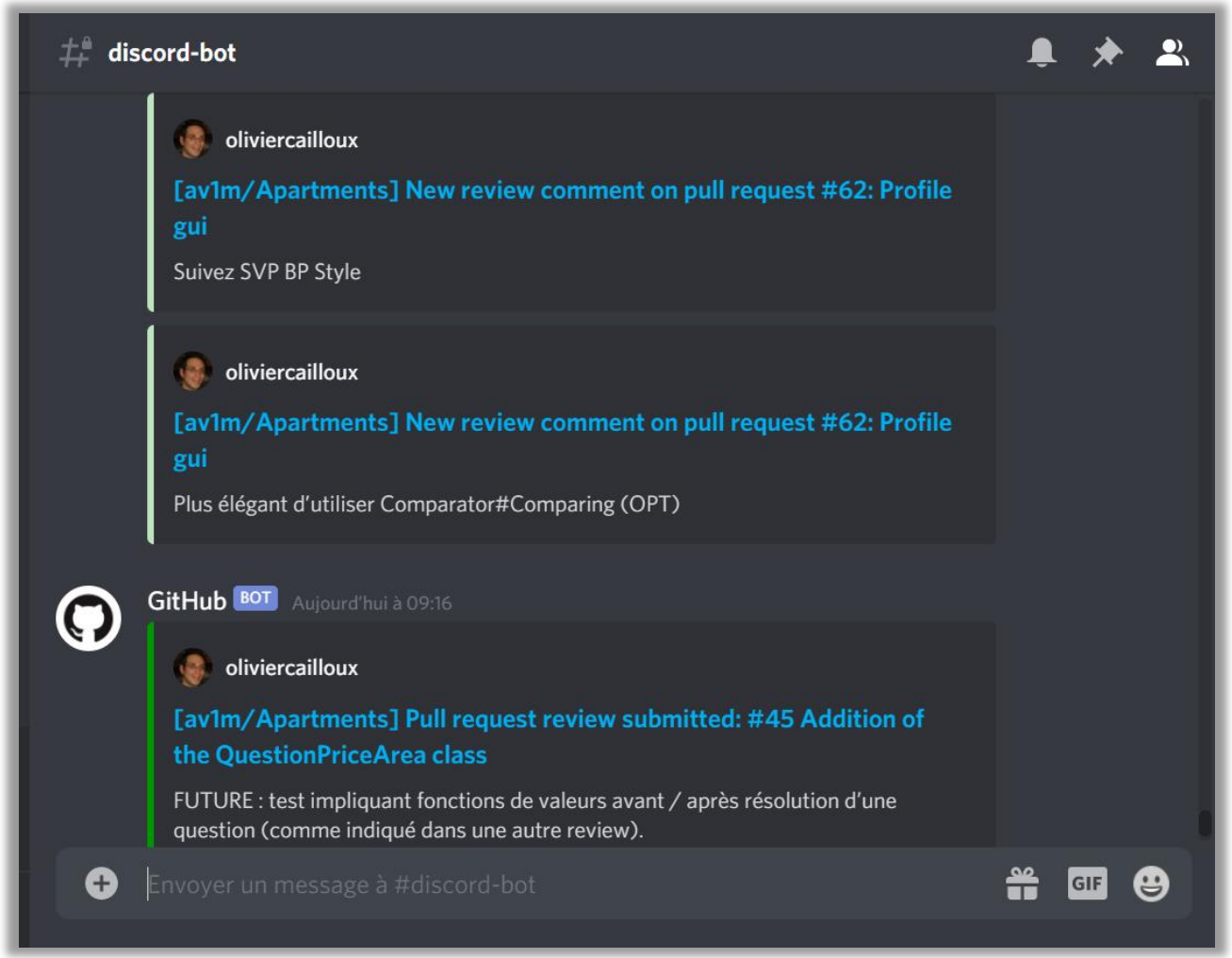
Google Java Format

Ne vous limitez plus à Eclipse !

Un développement agréable

Nouveautés

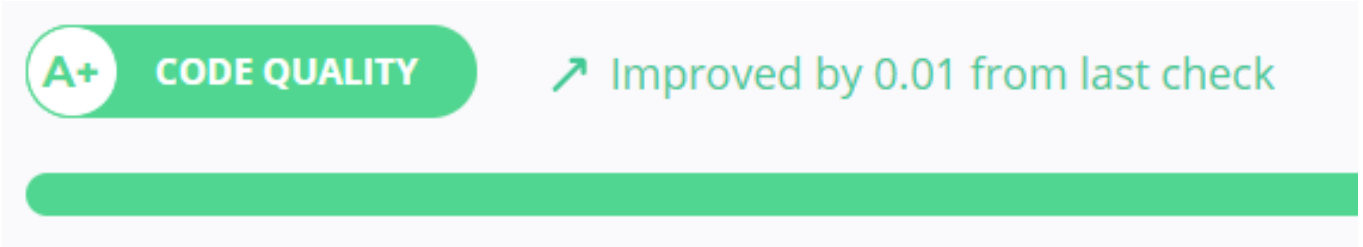
Bot Discord



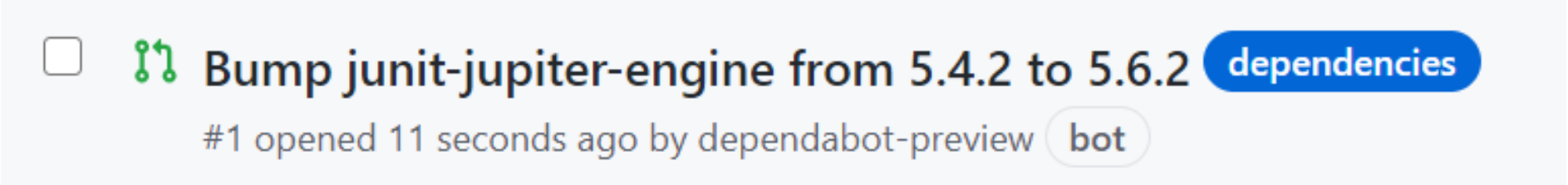
Un développement agréable

Nouveautés

- Code Factor



- Dependabot

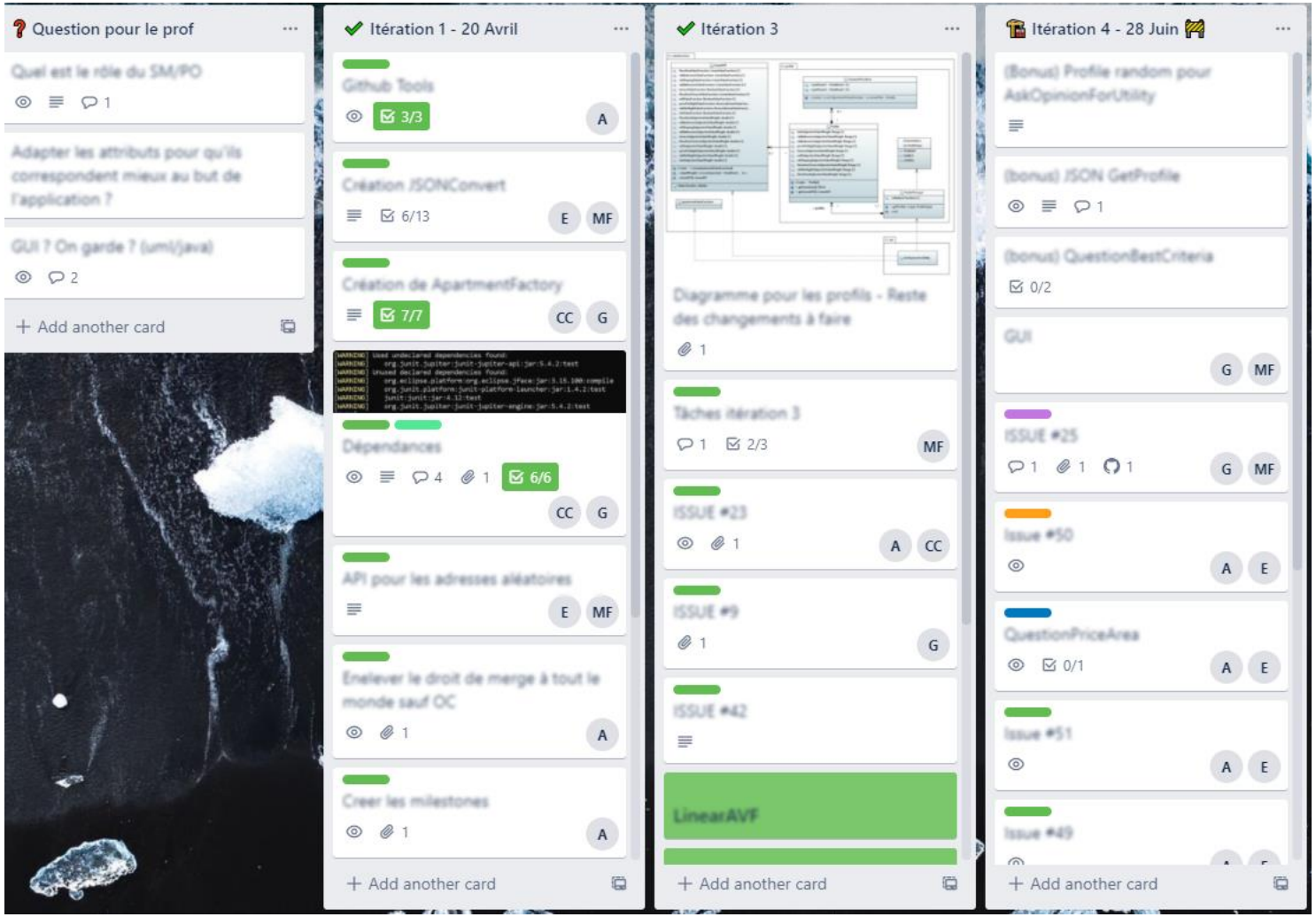


- Code Inspector

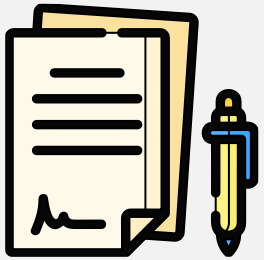
Un développement agréable

Nouveautés

Trello

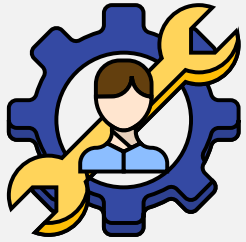


Challenges



Garder une documentation complète et à jour

Designer et implémenter entièrement des fonctionnalités

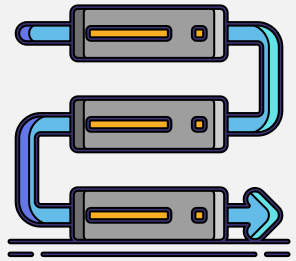


Faciliter le développement et augmenter la qualité

Difficultés

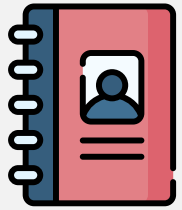
Compréhension de l'algorithme

Prise en compte de l'existant

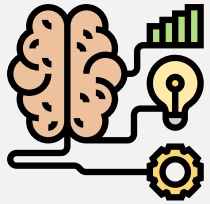


Gestion des dépendances entre binômes

Evolutions futures de l'application

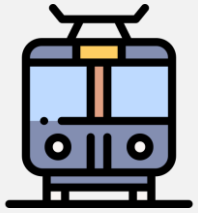


Créer de nouveaux profils



Ajout d'apprentissage par renforcement

Implémenter de nouvelles questions



Calculer la distance jusqu'au métro

Fun Facts

519 Commits

36 Pull requests fusionnées

0 Pull request refusée

20 Issues traitées

Fun Facts

+10 351 messages échangés

+73 mails échangés avec M. Cailloux

Pas d'heures pour travailler

Lignes modifiées en une semaine

My Apartment

A new solution for an easier life

Gabriel GUISSET – Avi MIMOUN – Clémence COUSIN – Morgane FIOT – Etienne CARTIER

Sources

- Illustrations : https://www.flaticon.com/authors/freepik, https://www.gif-maniac.com, https://tenor.com/, https://github.com/, https://www.behance.net/ (Onur Mermer)
- Image fond de la présentation : https://pixabay.com/fr/users/7769808-7769808/
- Image Github : https://github.com/av1m/Apartments/pulls
- Image Discord : https://discord.com/channels/
- Statistiques Github : https://github.com/av1m/Apartments/pulse
- **DOCUMENTATION DU PROJET :** https://github.com/av1m/Apartments/blob/master/README.adoc