

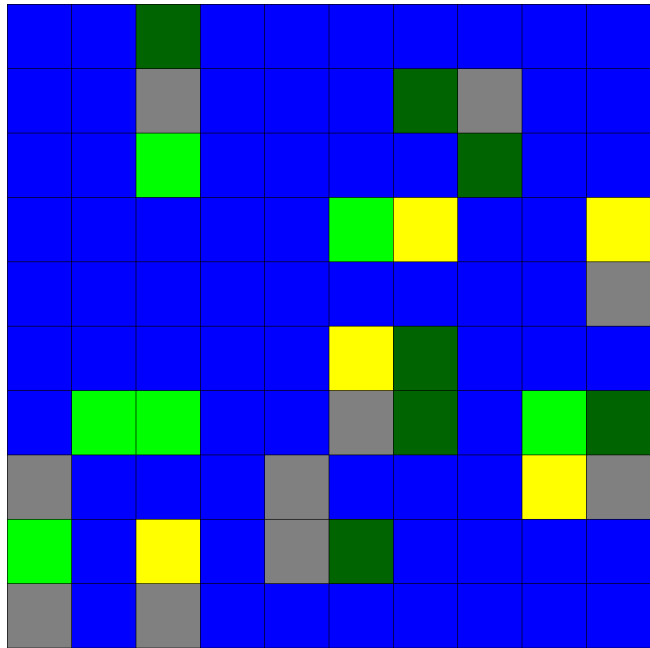
Soutenance de projet

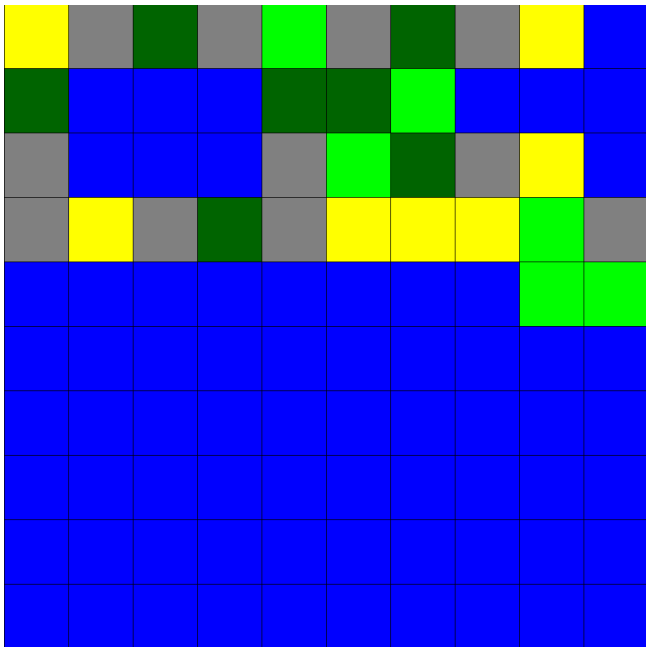
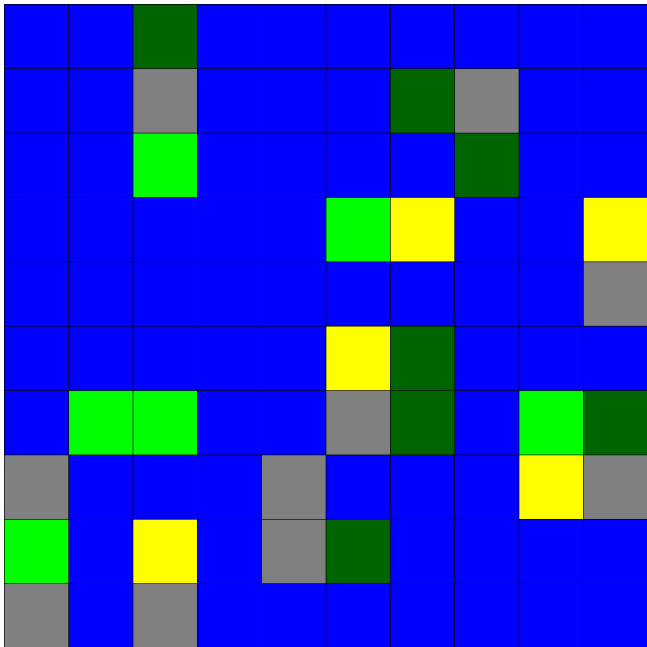
Rémi ANDRIEU, Andreï CHARONOV, Samuel DEMON,
Tom TAFFIN

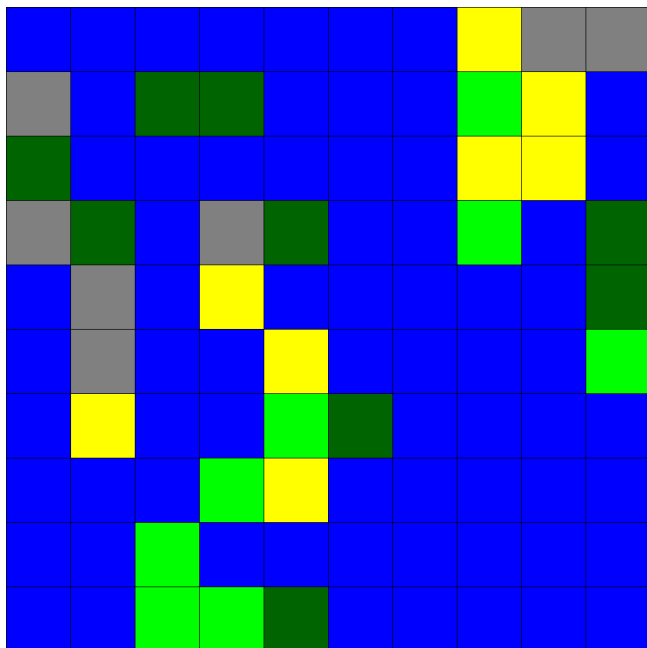
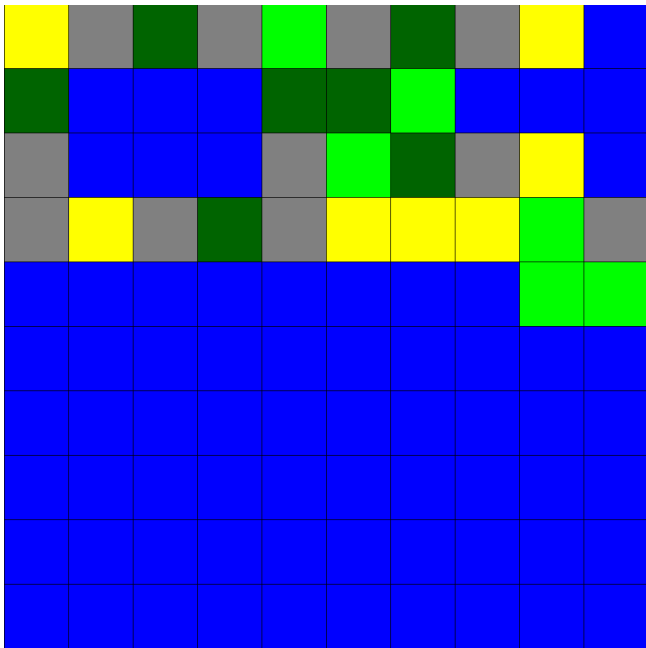
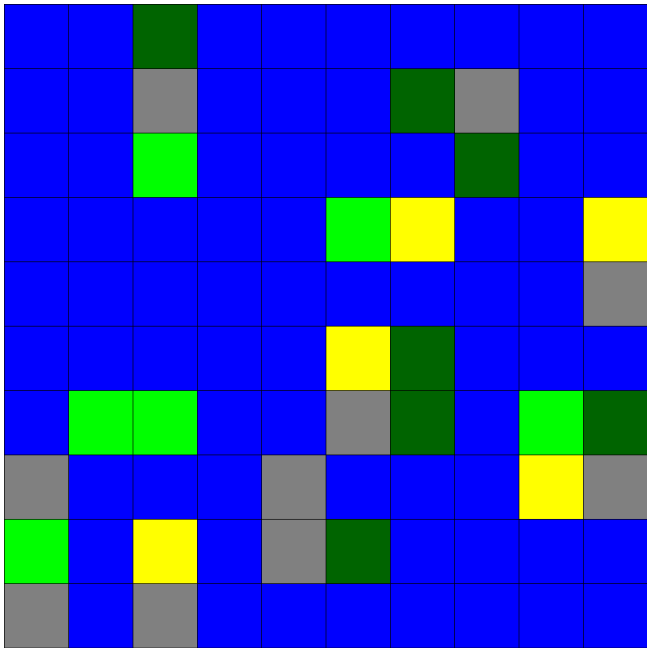
30 avril 2025

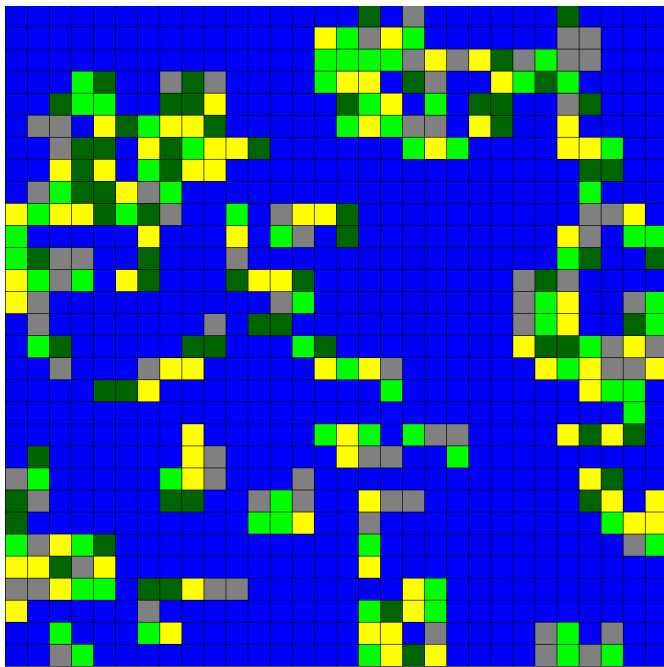
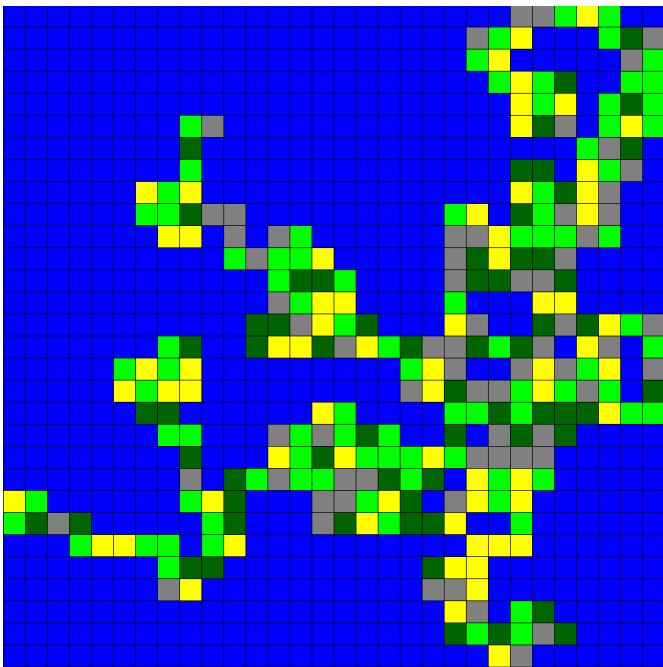
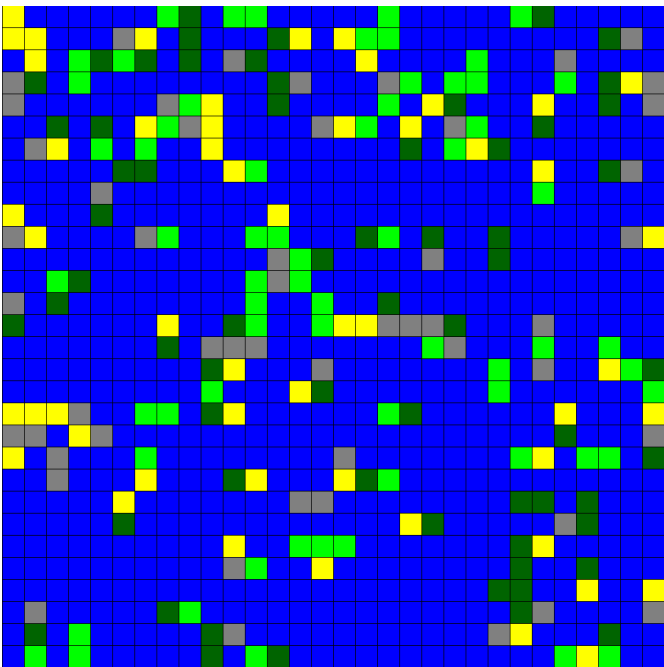
Progression dans le projet

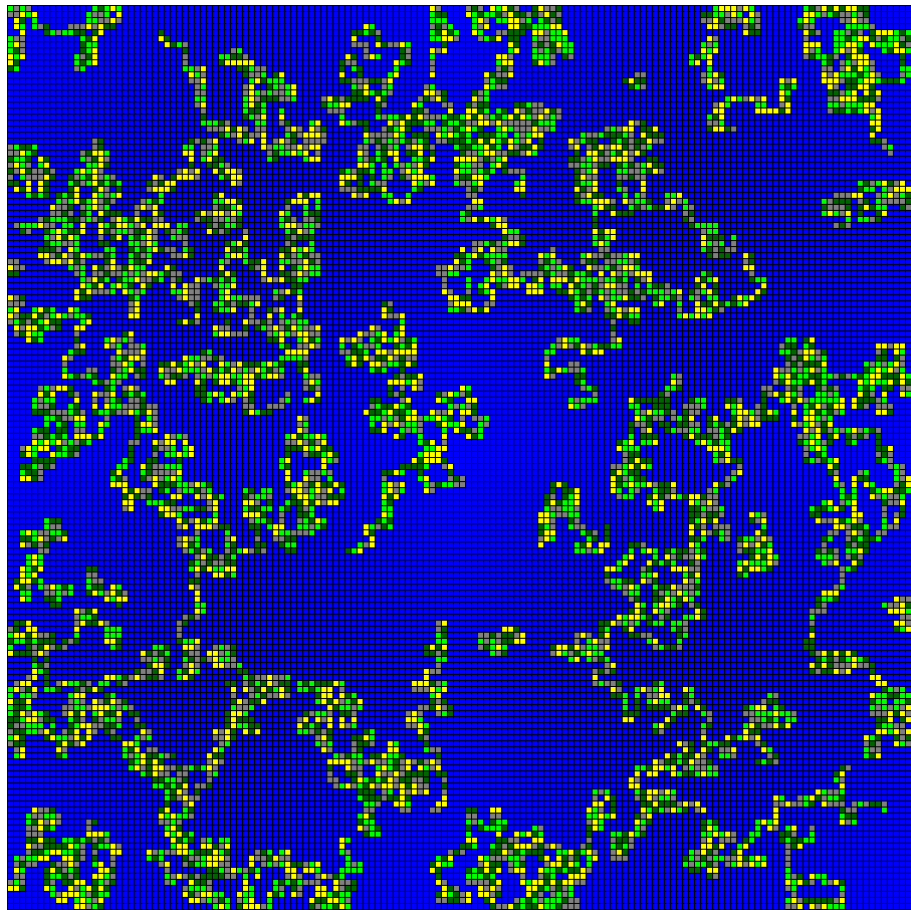
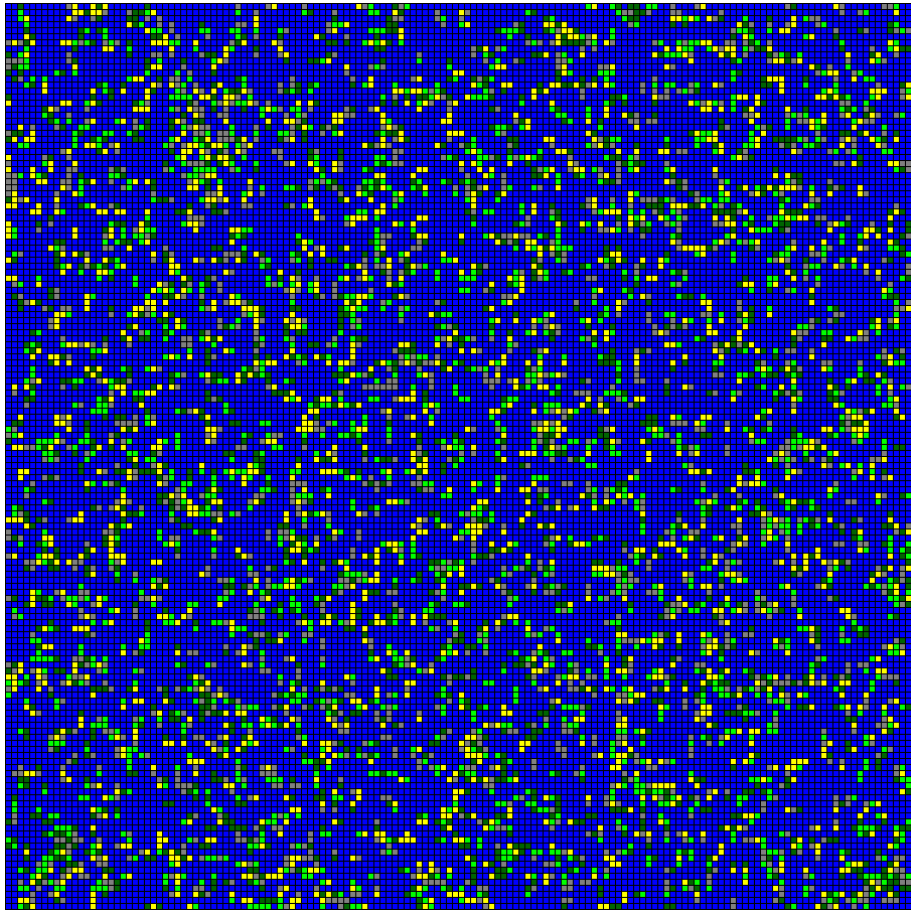
- Projet terminé et fonctionnel
- Tests sur les méthodes publiques
 - Interface graphique

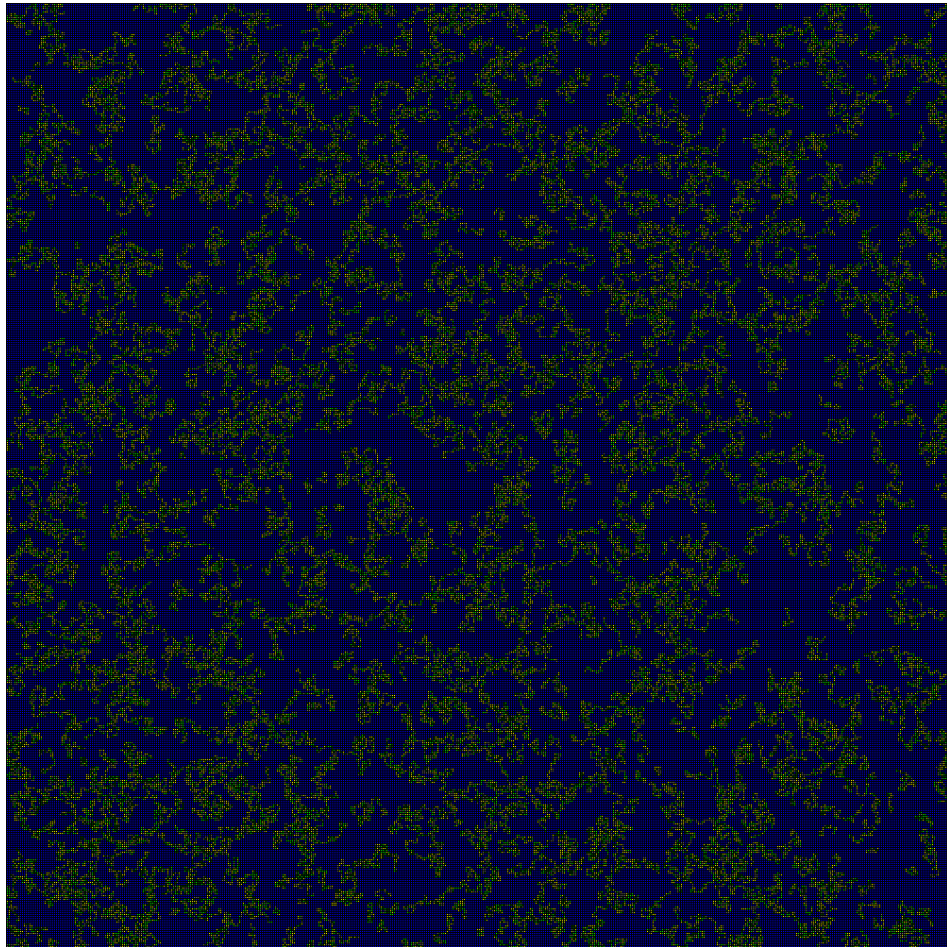
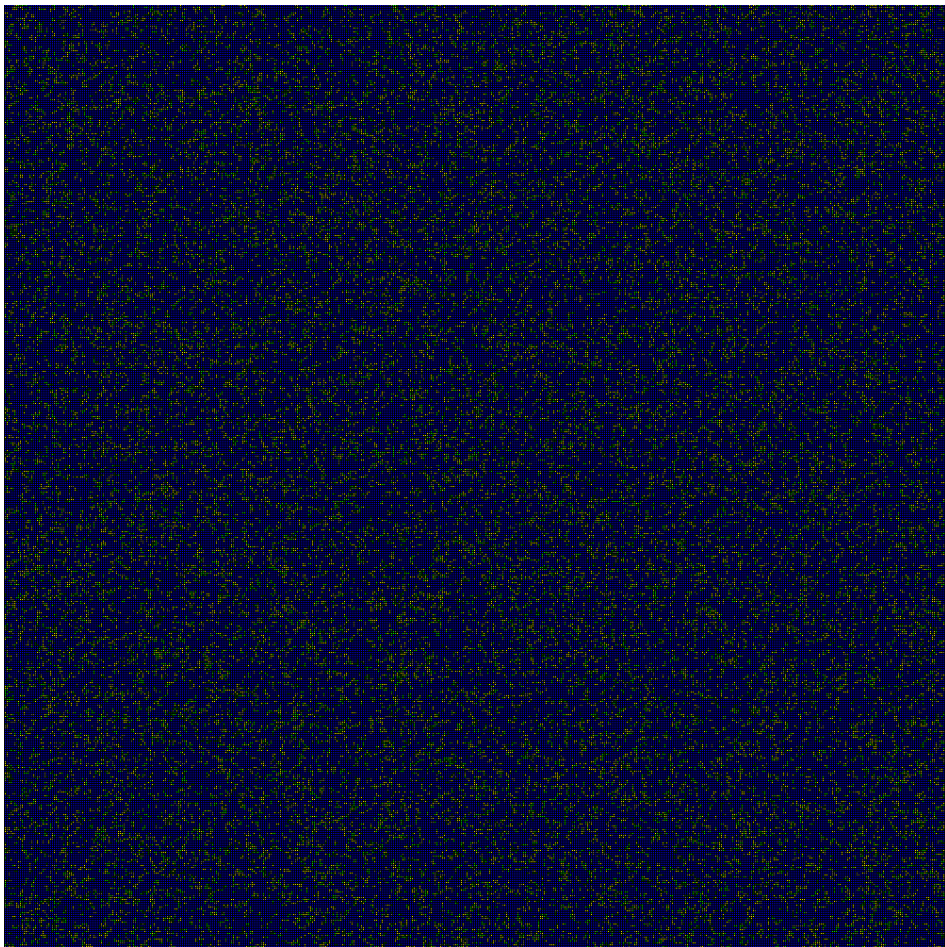


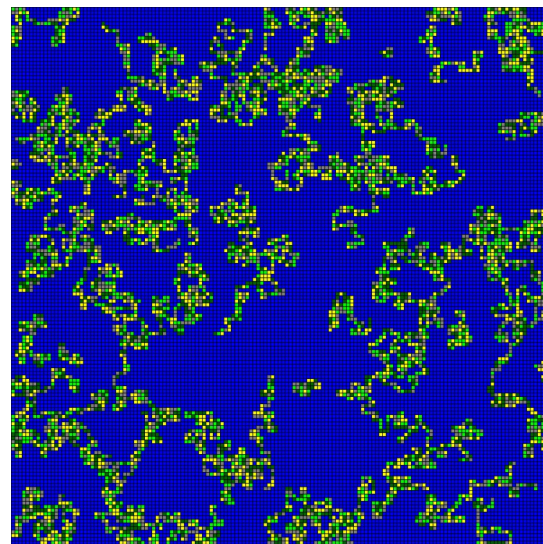
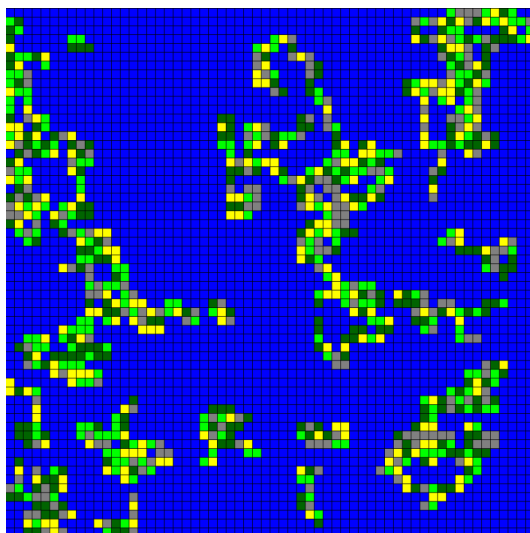
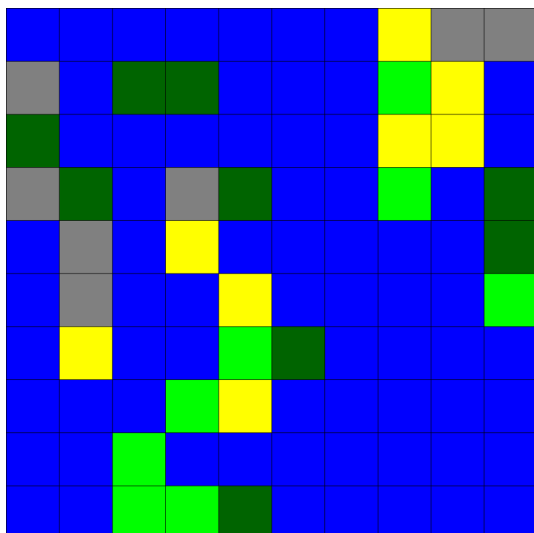
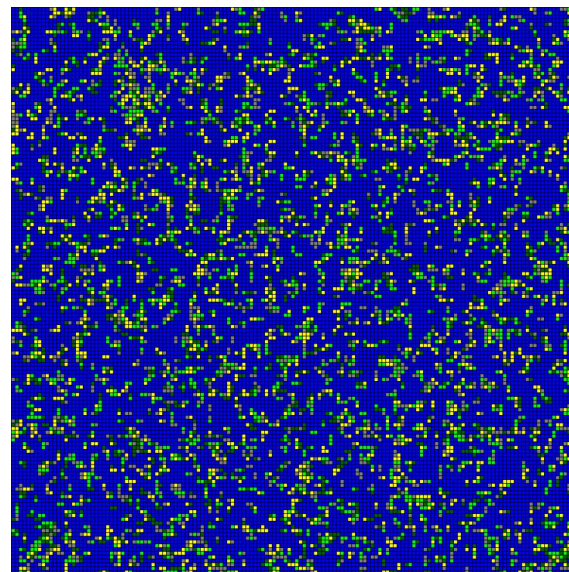
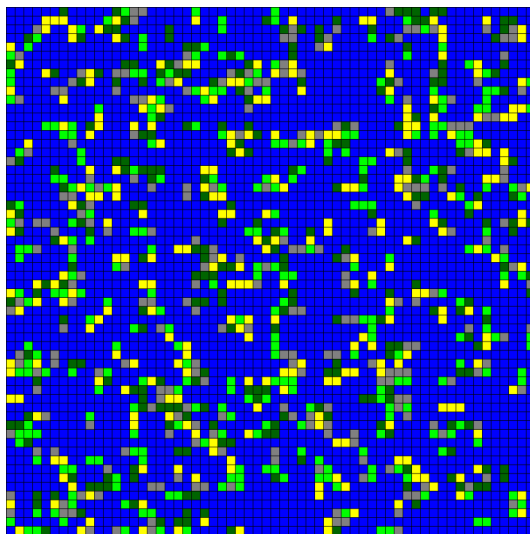
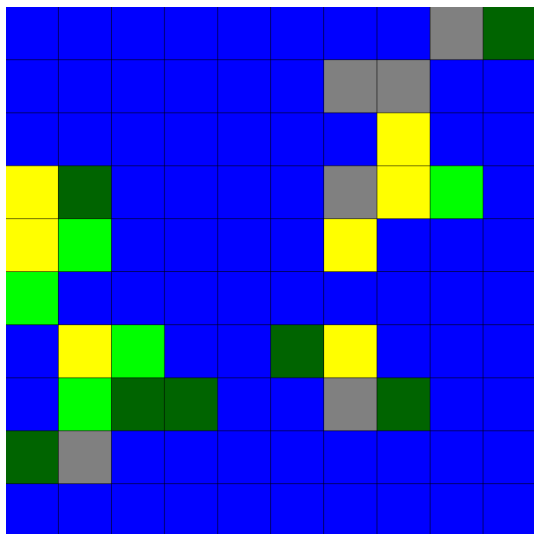














1



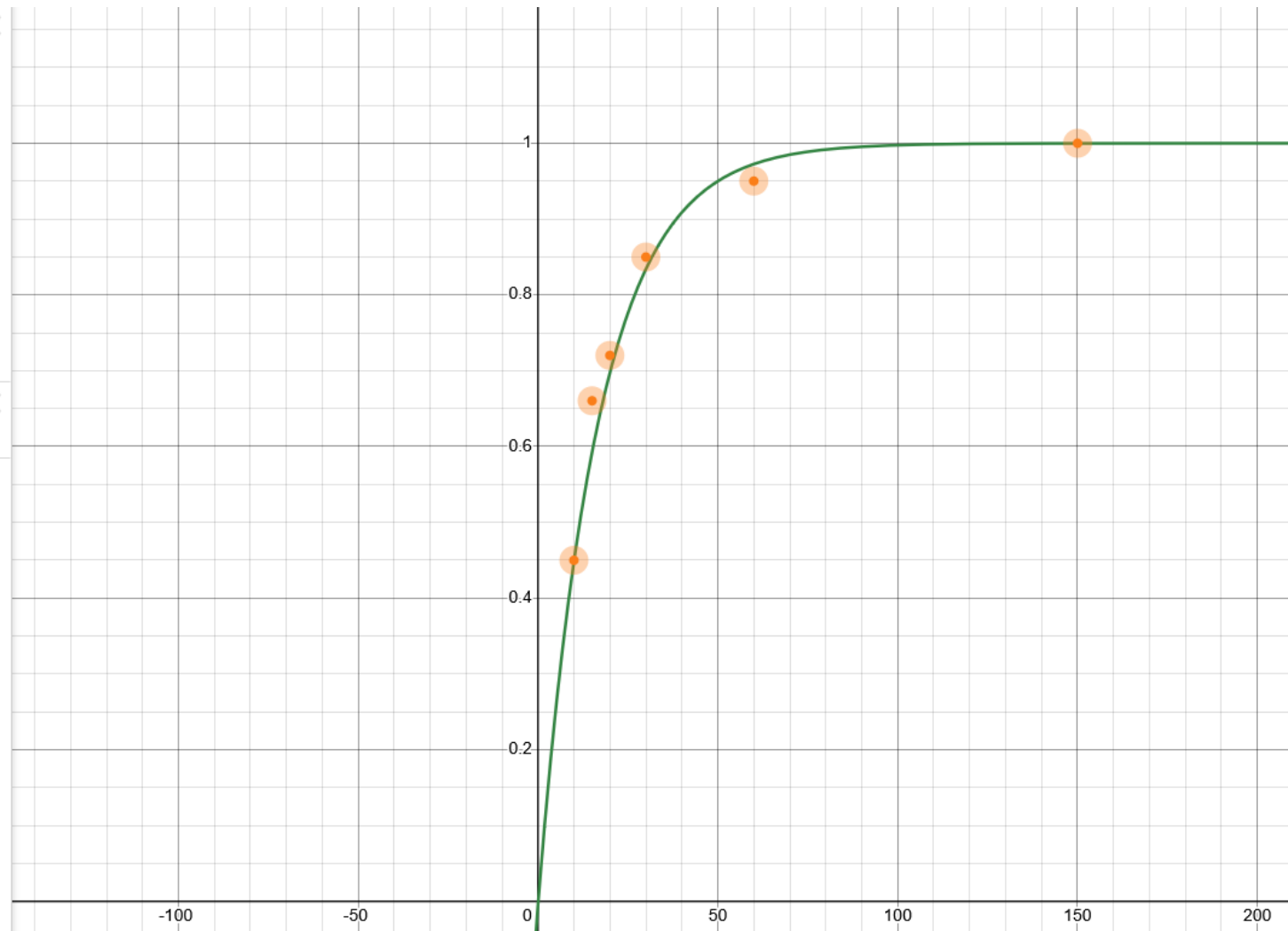
x_1	 y_1 
10	0.45
15	0.66
20	0.72
30	0.85
60	0.95
150	1

2



$$-e^{-0.06x} + 1$$

3



1

(2, 9)

☐ Étiquette

2

(3, 12)

☐ Étiquette

3

(4, 15)

☐ Étiquette

4

(5, 17)

☐ Étiquette

5

(7, 20)

☐ Étiquette

6

(10, 24)

☐ Étiquette

7

(20, 33)

☐ Étiquette

8

(50, 53)

☐ Étiquette

9

(100, 75)

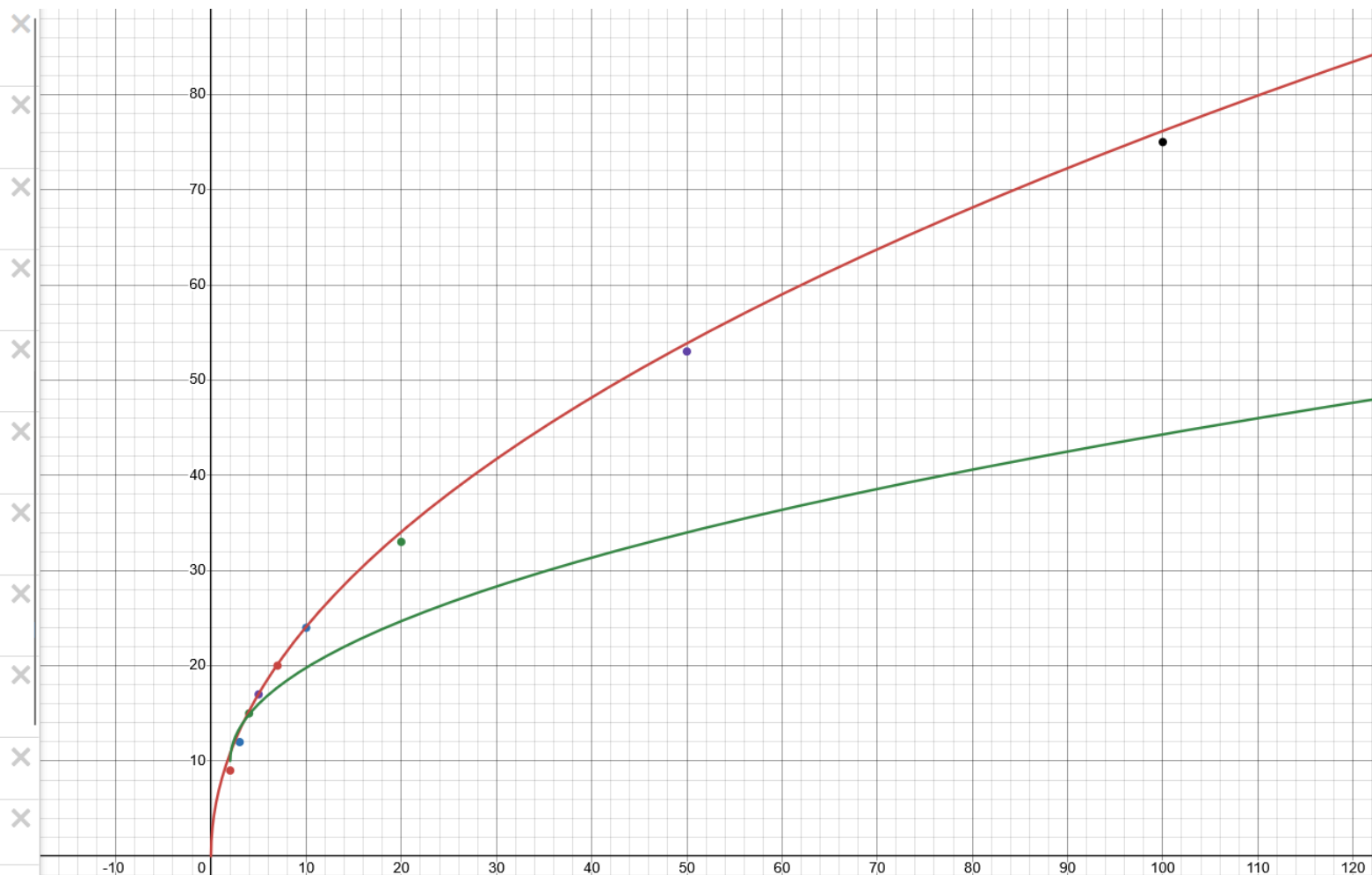
☐ Étiquette

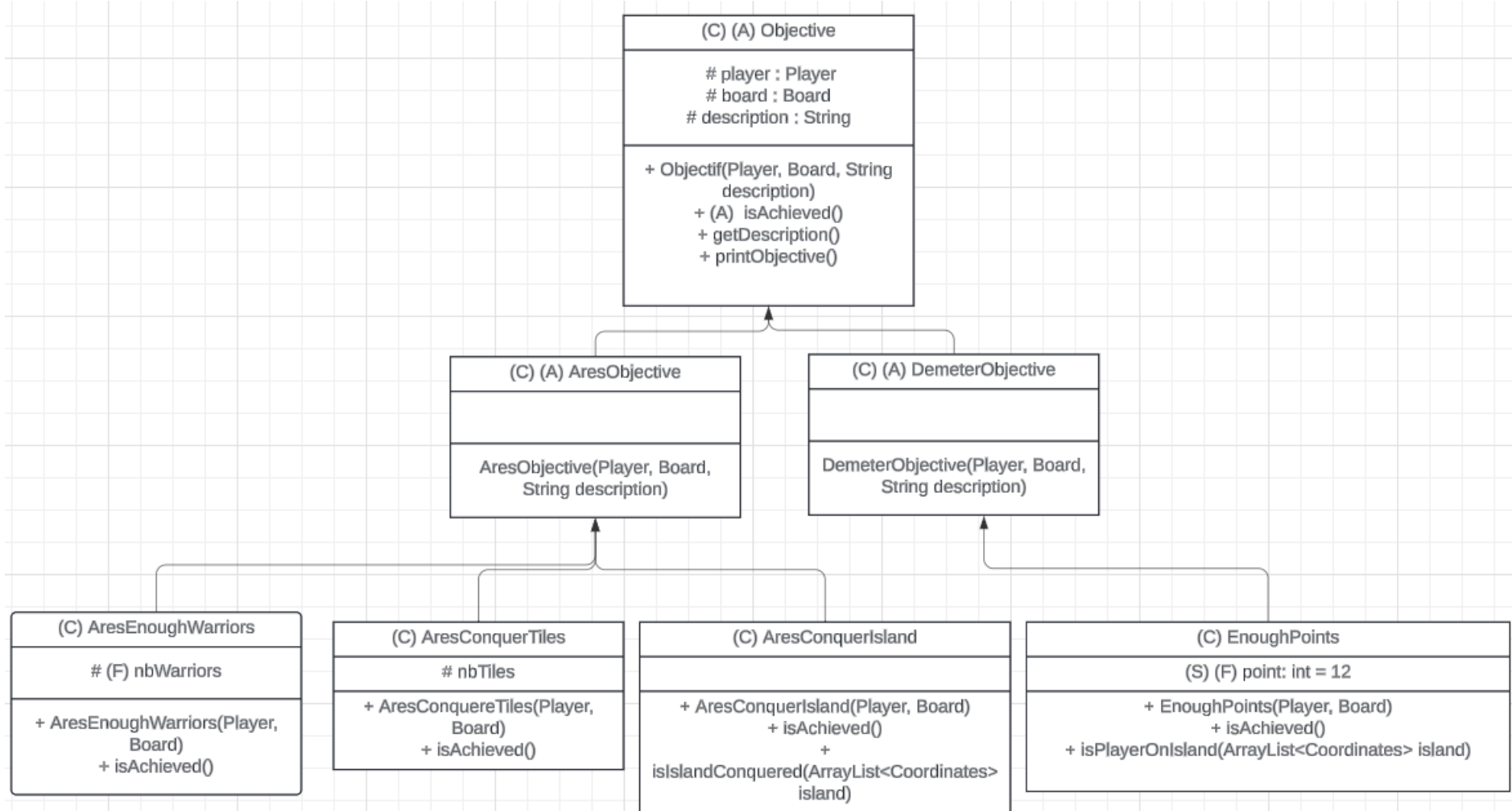
10

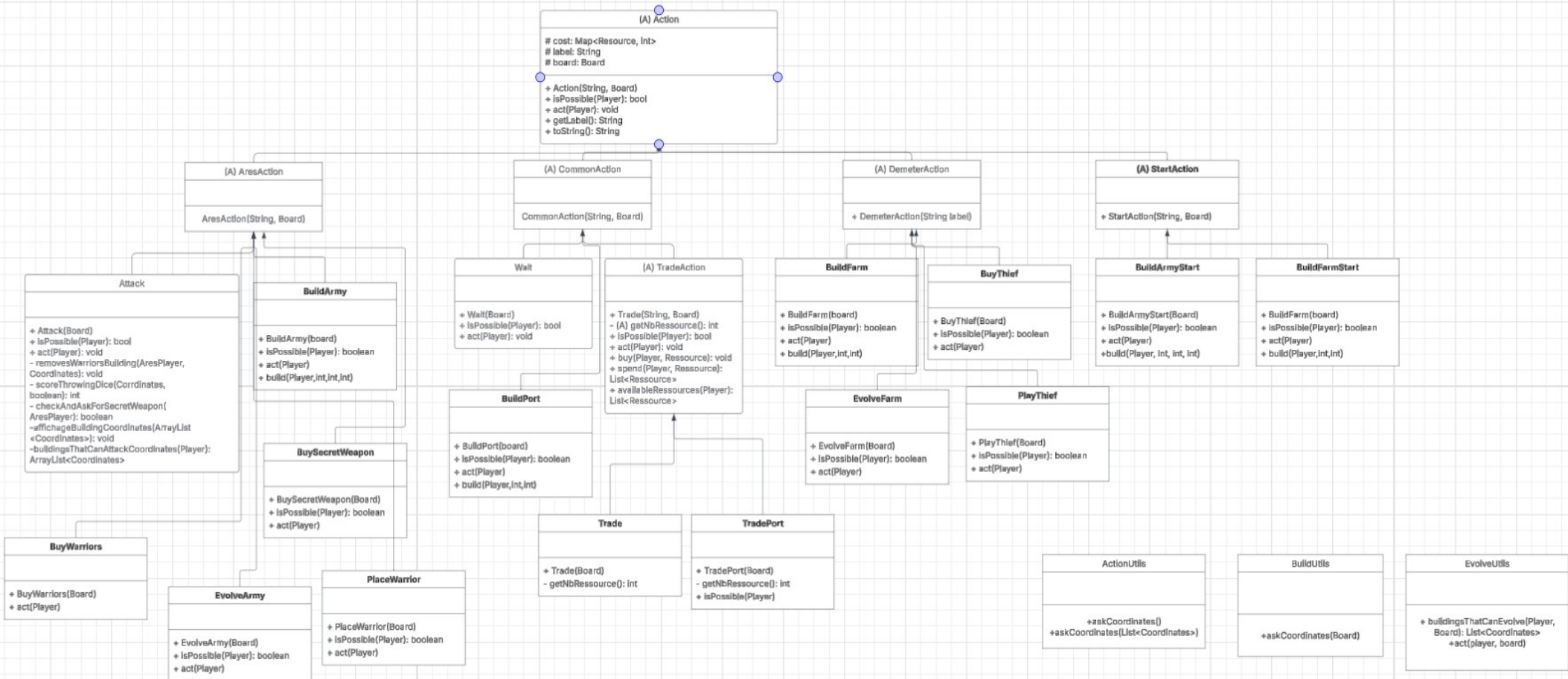
$\sqrt{58x}$

11

$\sqrt{12 \cdot (x - 2)} + 10$







Rôle de chacun

- **Rémi** : Code — amélioration du code, conception et gestion du plateau, fichiers principaux (main).
- **Tom** : Code — rédaction de tests, corrections d'erreurs, rigueur et vérification du code.
- **Andreï** : Code — création des bâtiments, tests, correction d'erreurs, conception UML.
- **Samuel** : Code — révision et documentation, complétion des diagrammes UML.

Difficultés rencontrées

- **Coordination Git** : conflits de commits, travail simultané sur mêmes fichiers.
- **Conception Objet** : redondances, problèmes de typage (casts excessifs).
- **Améliorations** : ajout de la classe **Coordinates** pour simplifier la gestion des positions.