

C Sc 335 Analysis and Design Artifacts for Final Project

1. Team Name:

RAICHU GO

2. Team Members:

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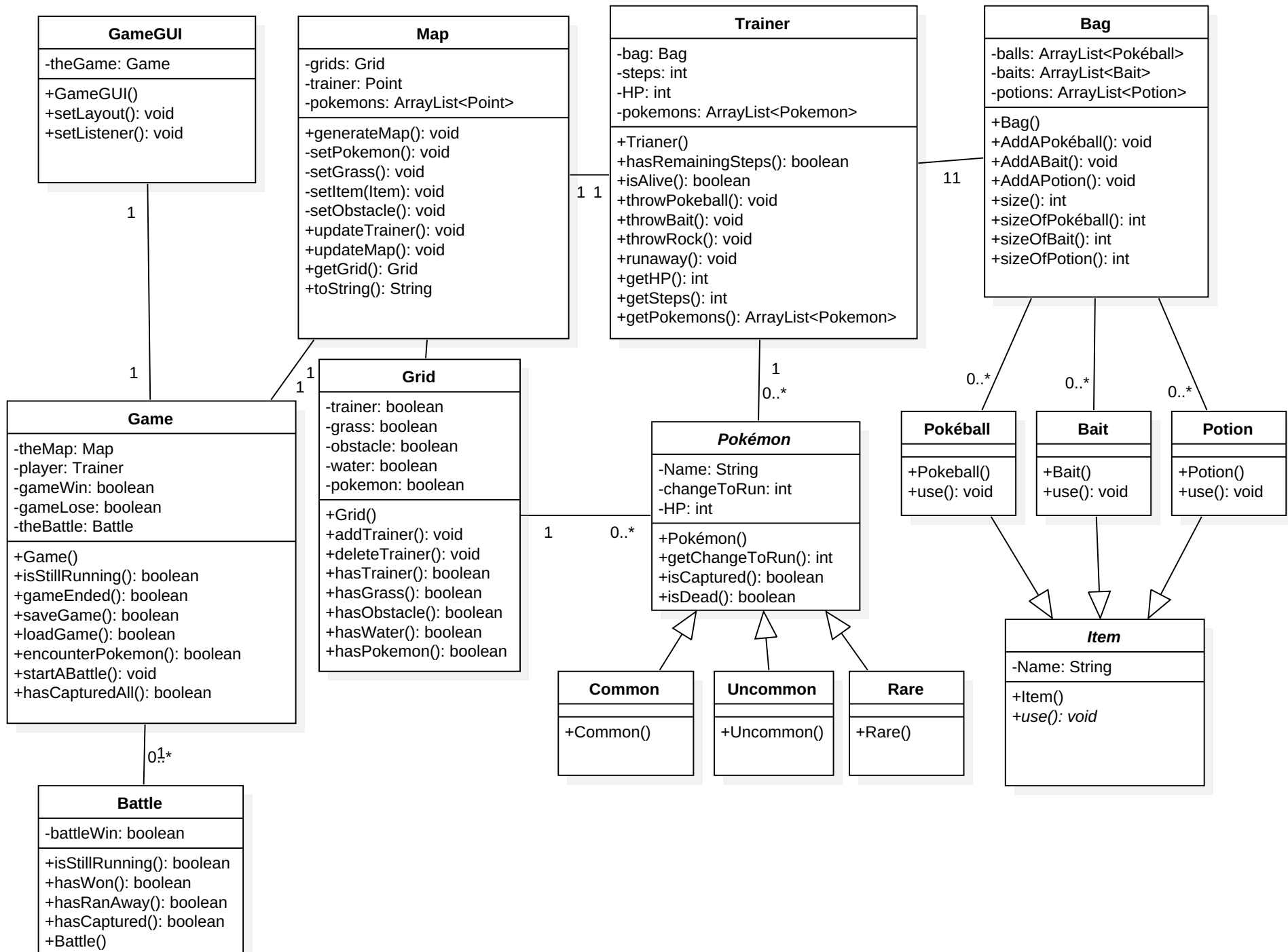
Berlong Huang

Yang hong

3. Candidate Objects or Class Hierarchies

List the most important objects, or the name of an inheritance hierarchy, and the main responsibility.

Candidate Object	Single Responsibility in 1 or 2 sentences
Pokémon	Containing a Pokémon's properties like name, ability (abstract)
Trainer	Containing items, is able to move on map
Item	Abstract class.
- Pokéball	implements Item, catch Pokémon
- Potion	implements Item, all HP for a trainer
- Bait	implements Item, increase possibility of catching a Pokémon
Game	Determining Win conditions
GameGUI	Graphic User Interface
Sound	Containing filenames of sound files and can be called upon
Map	Containing a list of points and Item, Pokémon, Trainer on game map



interaction SequenceDiagram1

