

Unified Modeling Language

Exercise: Compact Discs

Sandro Morasca

Università degli Studi dell'Insubria

Dipartimento di Scienze Teoriche e Applicate

Via Ottorino Rossi 9 – Padiglione Rossi

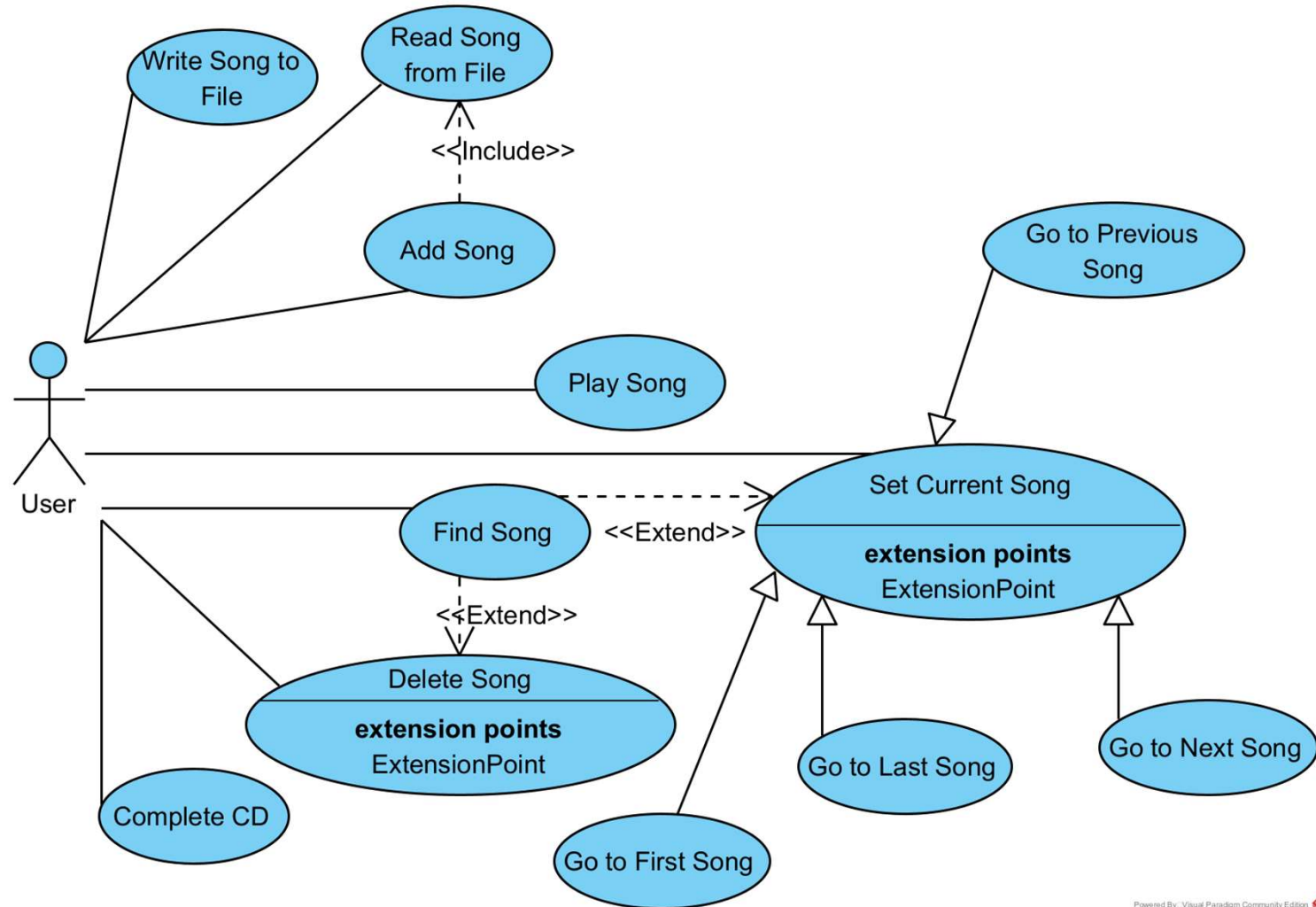
21100 Varese

sandro.morasca@uninsubria.it



Use Case Diagram: Version 01

UML – Exercises



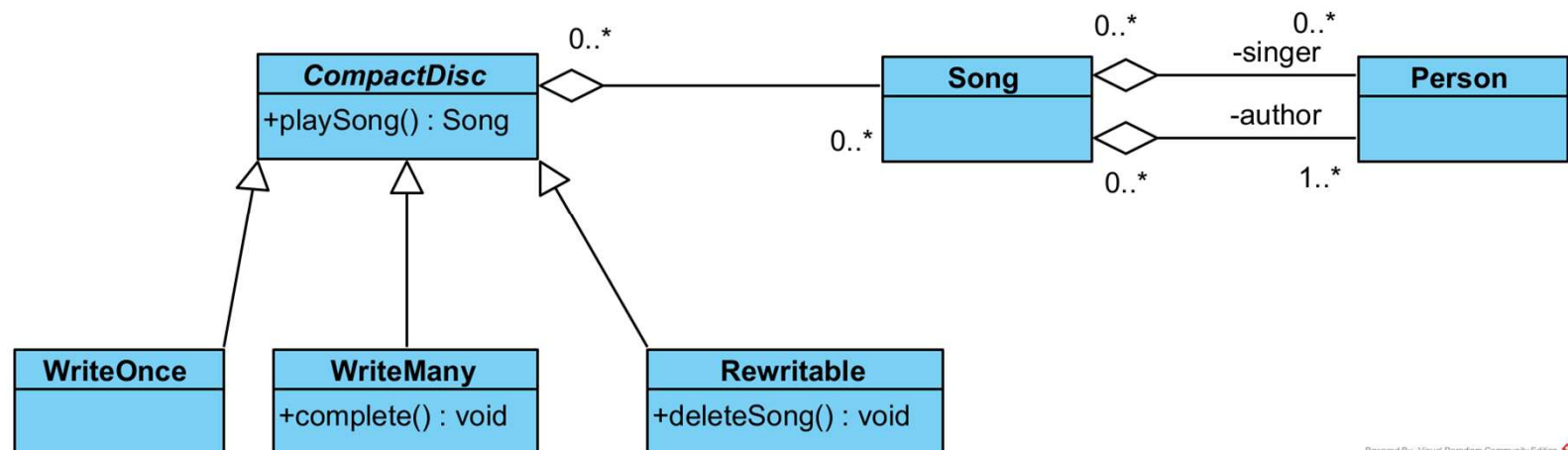
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Class Diagram: Version 01

UML – Exercises

- I CD premasterizzati sono rappresentati nella classe CompactDisc
- Se però i CD premasterizzati assumono caratteristiche diverse dagli altri questa soluzione non va bene



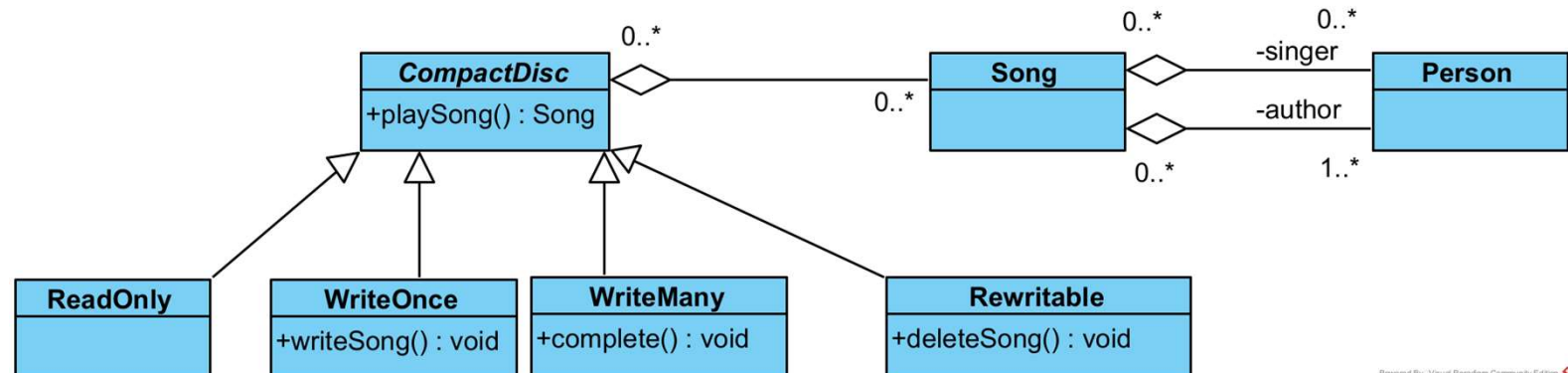
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Class Diagram: Version 02

UML – Exercises

- I CD premasterizzati sono rappresentati esplicitamente: classe ReadOnly
- Però non si mettono a fattor comune le caratteristiche dei CD scrivibili



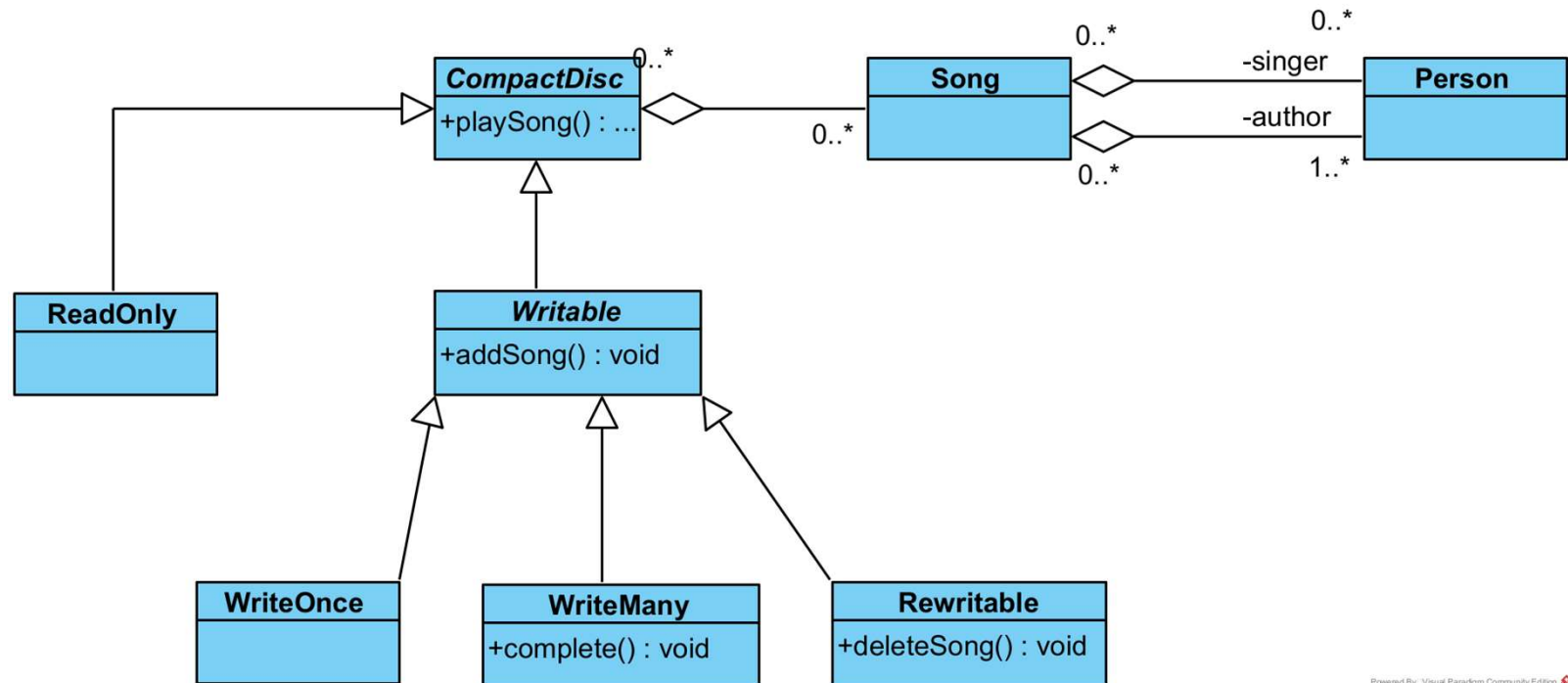
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Class Diagram: Version 03

UML – Exercises

- Fattorizzazione effettuata
- Che differenza c'è però tra WriteOnce e WriteMany?



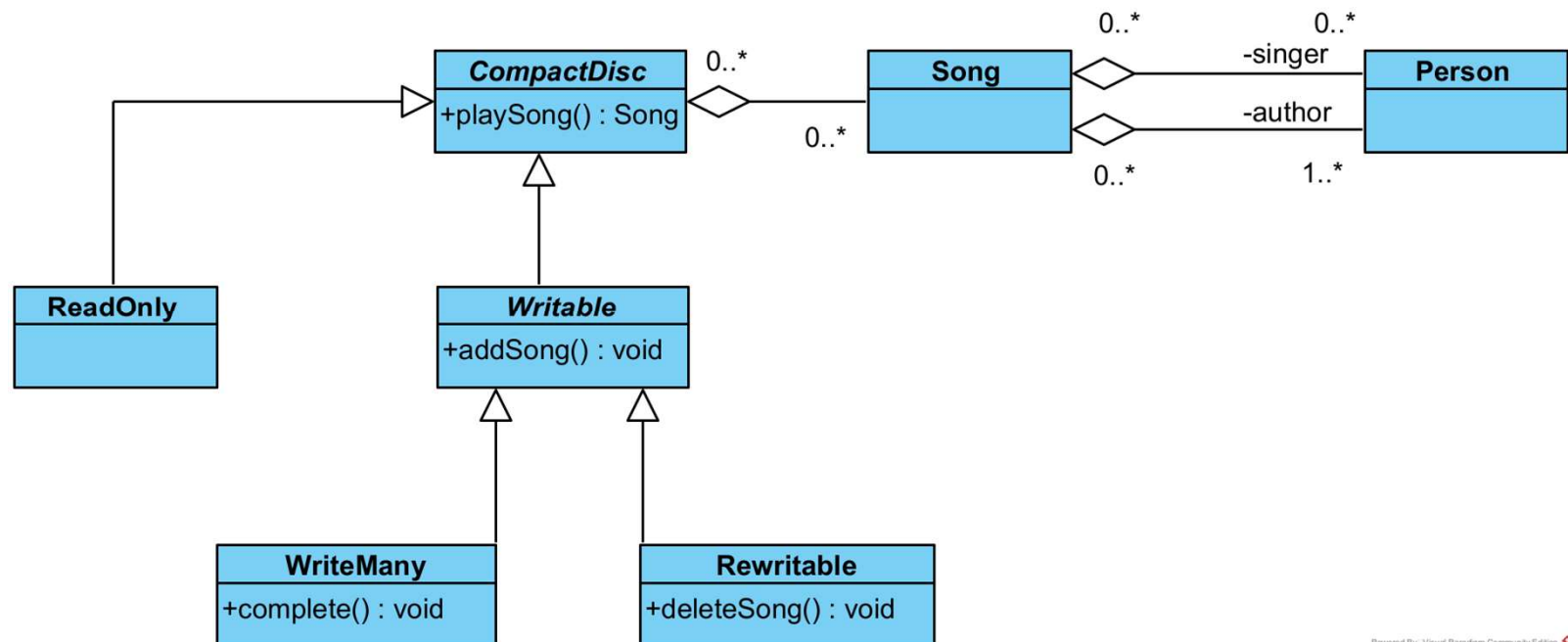
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Class Diagram: Version 04

UML – Exercises

- Unificazione tra WriteOnce e WriteMany



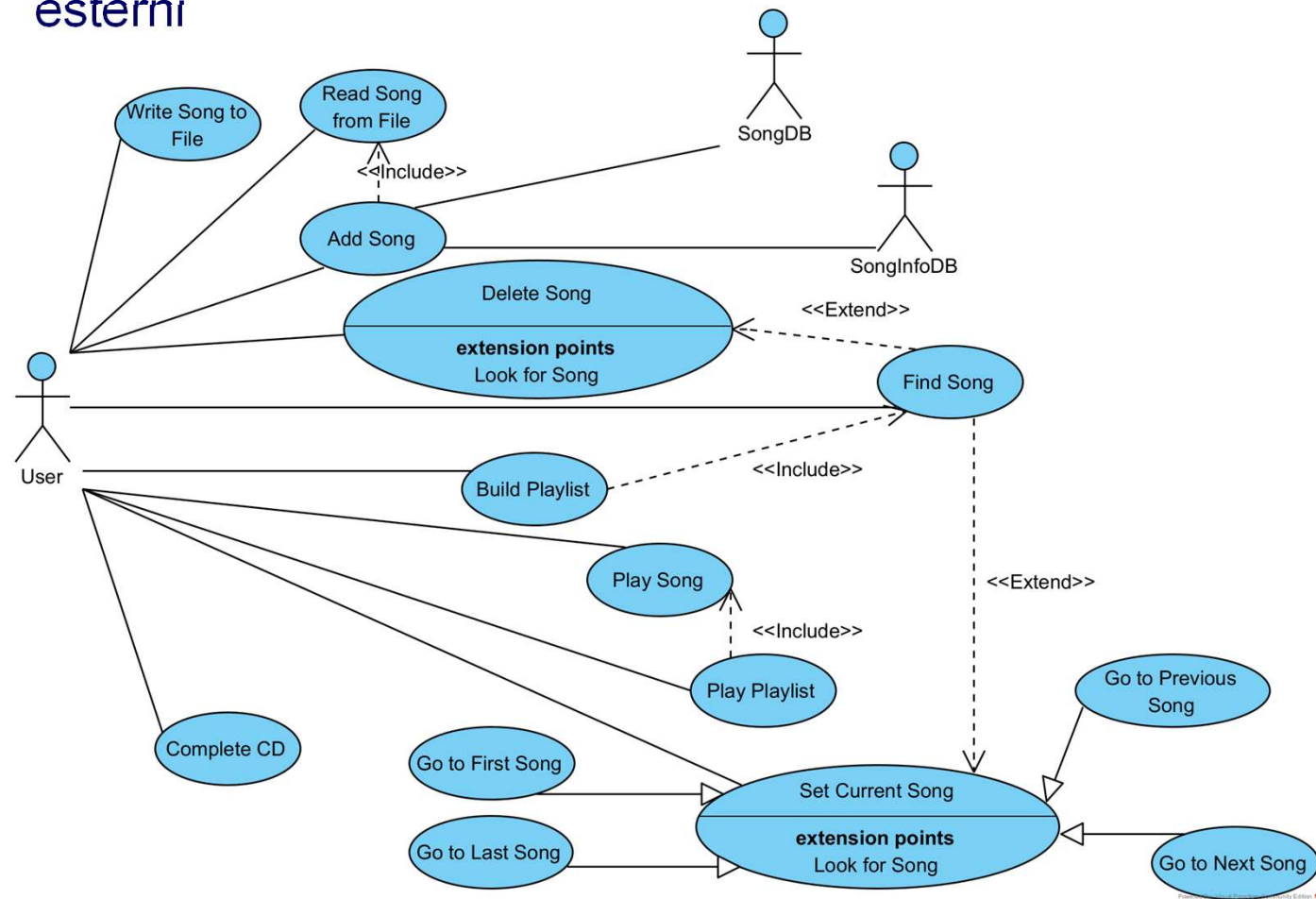
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Use Case Diagram: Version 02

UML – Exercises

- Dopo le modifiche ai requisiti: uso di playlist e repository esterni

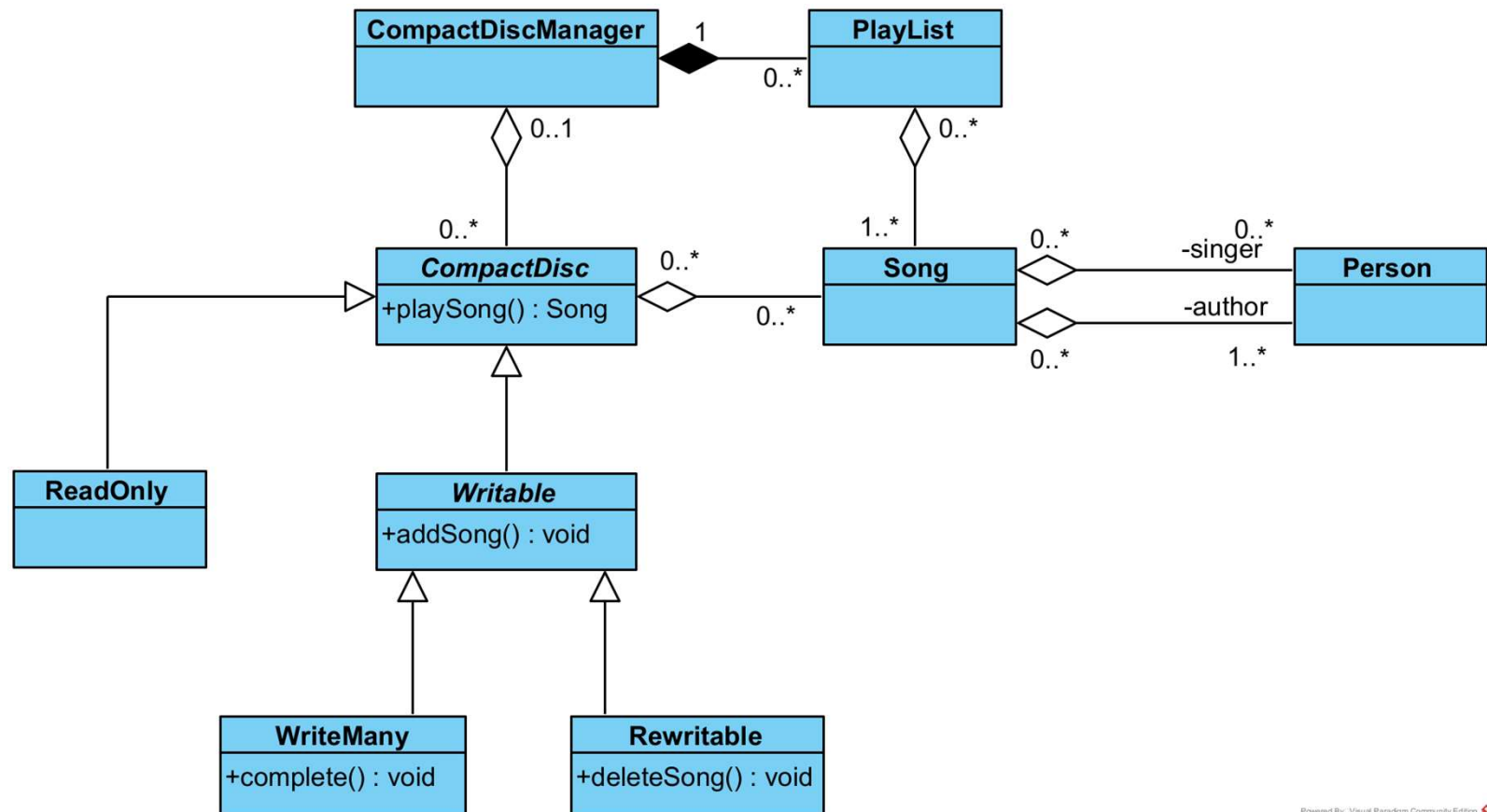




Class Diagram: Version 05

UML – Exercises

- Uso di playlist



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