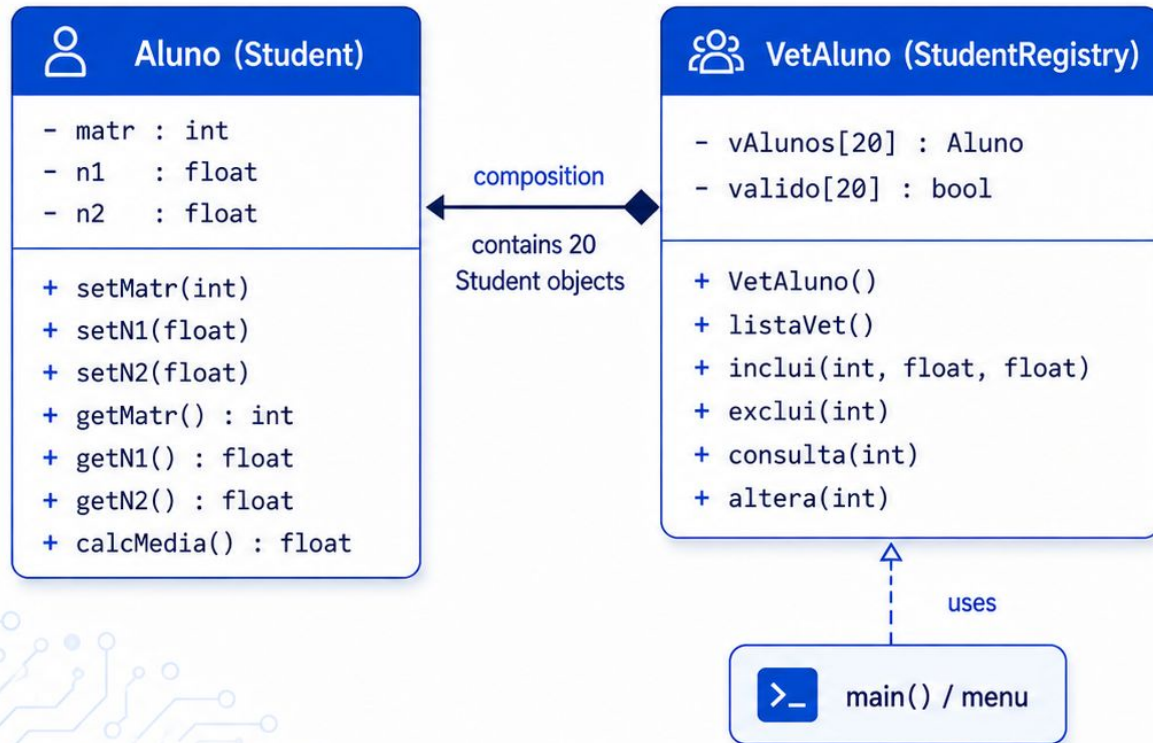




UML Class Diagram

Student registry example — relationships and OOP concepts



Concepts highlighted



Encapsulation: private data + public methods



Composition: VetAluno owns an array of Aluno objects



Abstraction: methods hide internal storage details



Objects: each array position stores one student object

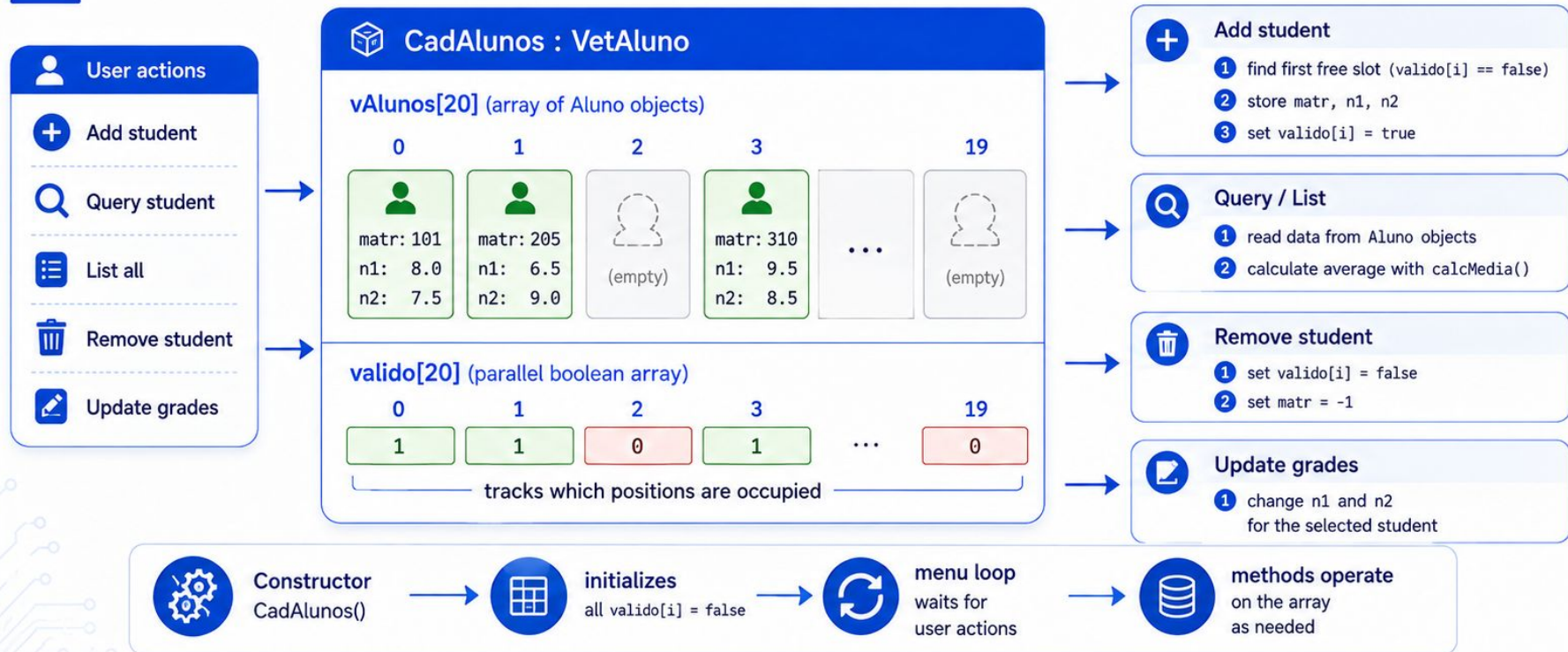
UML visibility legend

+ public

- private

How the Program Works

Fixed array of objects managed by VetAluno



Takeaway: the program stores a fixed array of student objects and uses a parallel boolean array to manage which objects contain valid data.

