

# Example: Student Database

- External schema (View)
  - Student\_gpa\_view(*Sid*: integer, *Gpa*: real)
  - **Q: An application sends email to all GSDS students**
- Conceptual schema
  - Students(*Sid*: integer, *Sname*: varchar, *Email*: varchar, *Did*: integer, *Gpa*: real)
- Physical schema
  - Tables stored as unordered files: students.db
  - Indexes: Sid\_btree\_index

