

Figure 2.1 Schema diagram for the database of Figure 1.2.

STUDENT

Name	StudentNumber	Class	Major
------	---------------	-------	-------

COURSE

CourseName	CourseNumber	CreditHours	Department
------------	--------------	-------------	------------

PREREQUISITE

CourseNumber	PrerequisiteNumber
--------------	--------------------

SECTION

SectionIdentifier	CourseNumber	Semester	Year	Instructor
-------------------	--------------	----------	------	------------

GRADE_REPORT

StudentNumber	SectionIdentifier	Grade
---------------	-------------------	-------

Figure 2.2 Illustrating the three-schema architecture.

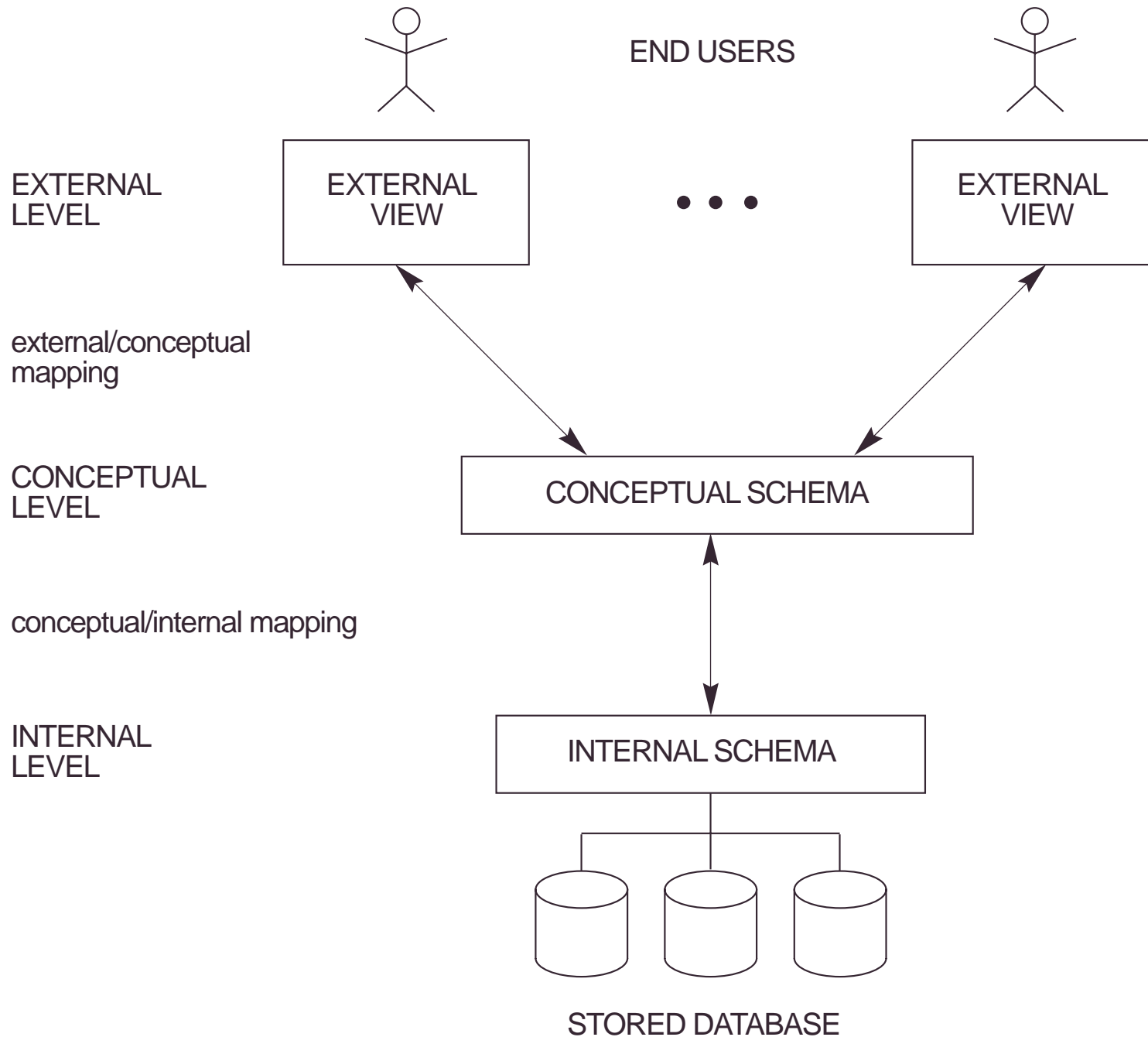


Figure 2.3 Typical component modules of a DBMS. Dotted lines show accesses that are under the control of the stored data manager.

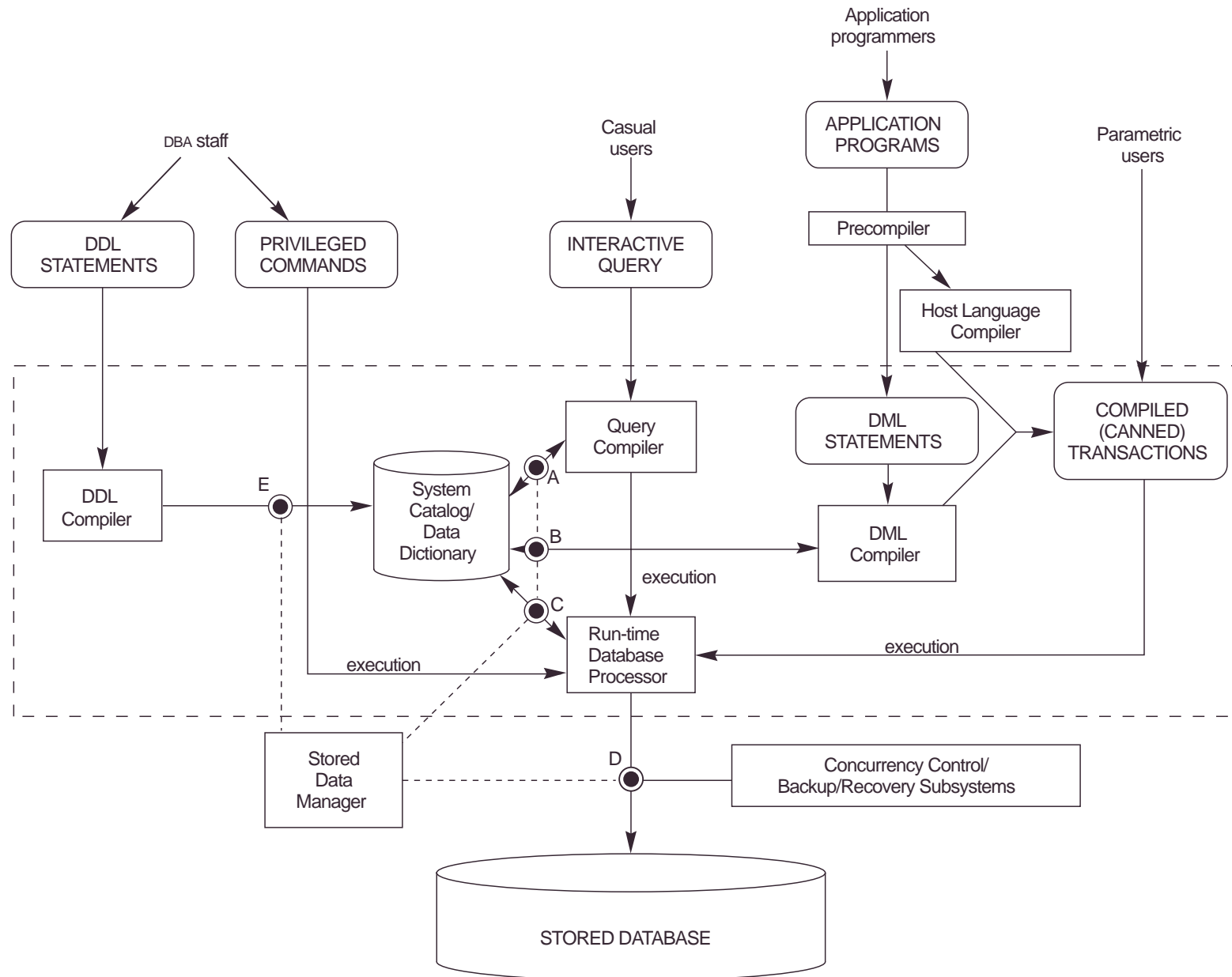


Figure 2.4 The schema of Figure 2.1 in the notation of the network data model.

