DATA STRUCTURE OF LABCORD RELATIONAL DATABASE

Table: user

Field	Type	Description
userid	INT (AUTO-INCREMENT)	Unique User ID
fullname	VARCHAR	Full Name
position	VARCHAR	Position or Role (admin, instructor, student)
username	VARCHAR	Username for Login
password	VARCHAR	User's Password
accesspin	INT	6 Digit PIN

Table: student

Field	Type	Description
studentid	VARCHAR	Unique Student ID No.
fullname	VARCHAR	Full Name
program	VARCHAR	Program (BSCS, BSIT, BSIS)
yearsec	VARCHAR	Year and Section of the student
status	VARCHAR	If Regular or Irregular
dateenrolled	DATE	Date of Enrollment

Table: course

Field	Type	Description
courseid	INT (AUTO-INCREMENT)	Unique ID for course
coursecode	VARCHAR	Assigned course code
title	VARCHAR	Descriptive title of course
instructor	INT	Foreign Key (user id)

LABCORD CLASS DIAGRAM

user
PK	userid
	fullname
	position
	username
	password
	accesspin

student
PK	studentid
	fullname
	program
	yearsec
	status
	dateenrolled

studentcourse
PK	id
	studentid
	coursecode
	schoolyear
	term

submission
PK	subid
	actid
	studentid
	score
	remarks
	datecompleted
	datechecked
	status

student_submission
	actnum
	coursecode
	studentid
	score
	hscore
	remarks
	datecompleted
	datechecked
	status
	fullname

course
PK	courseid
PK	courseid
	coursecode
	title
	instructor

activity
PK	actid
	actnum
	acttitle
	description
	hscore
	coursecode

Relationships:
- handles (user — student)
- can have (student — submission)
- can create (user — course)
- enroll to (student — course)
- can have (submission — course)
- can have (submission — student_submission)
- can have (course — activity)