

# COMPUTER SCIENCE PROJECT SYNOPSIS

## School Data Management Software: EdStudio

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# Introduction

## Abstract

Educational institutions have to store information about students and staff, as well as announcements and other administrative details. In the present day, a computer-based database management system efficiently handles this vast amount of data.

EdStudio is a school database management system. This software is used to store and access details about students, parents, and teachers, as well as assignments and announcements, in an organized and effective manner.

## Purpose

The purpose of this system is to store and access details about students, parents, and teachers, as well as assignments and announcements, in an organized and effective manner.

## Existing System

- Inefficient
- Time consuming process
- Misplacement/loss of data

## Proposed System

- Organized data

# Hardware And Software Specifications

## Development Environment

### Hardware:

- Laptop

### Software:

- 1) Operating system
  - Windows
- 2) Programming language
  - Python 3.6
- 3) IDE
  - PyCharm
- 4) RDBMS
  - MySQL Community Server 8.0

## Deployment Environment

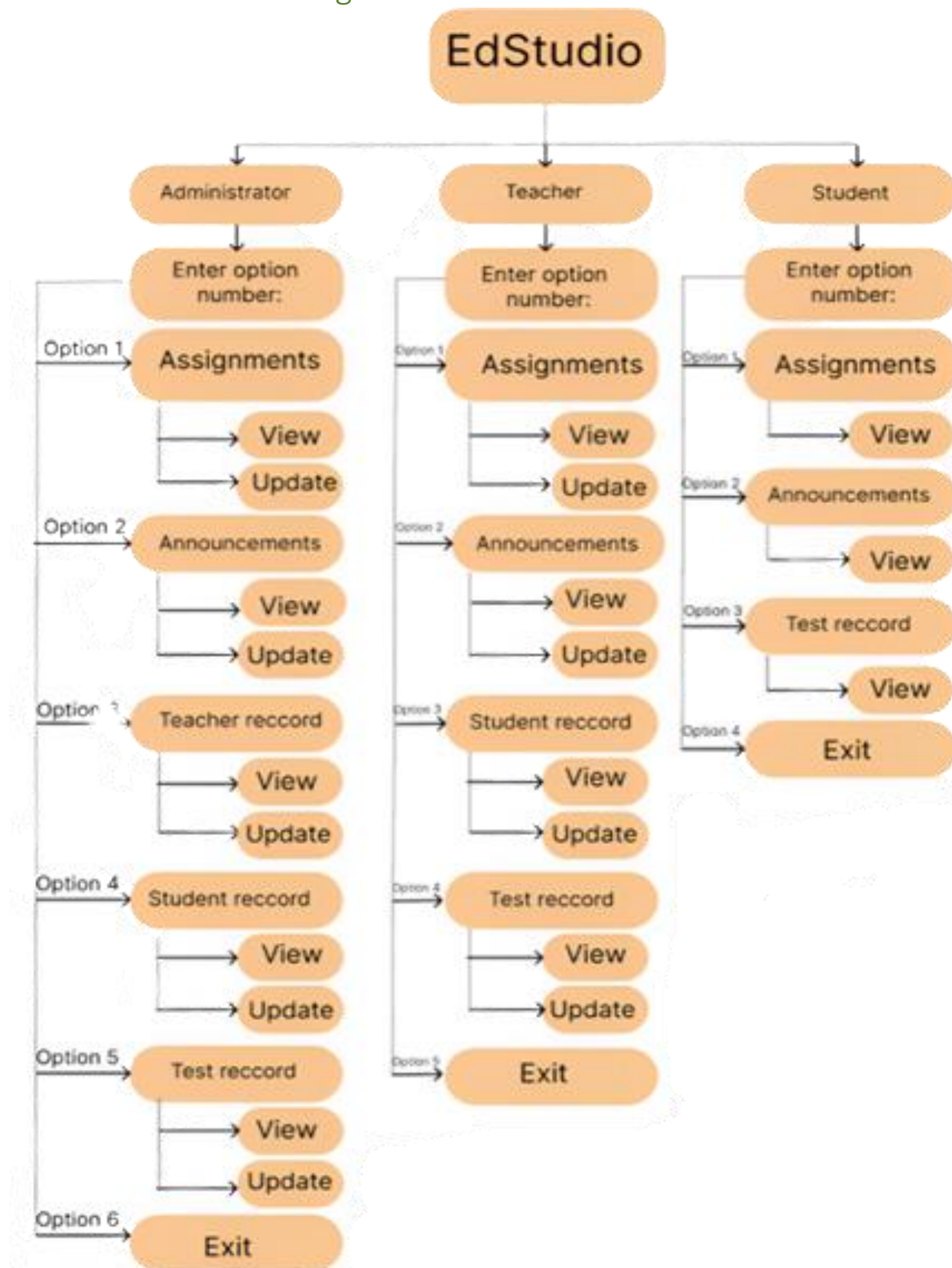
- Laptop/PC

# Project Design

## 1. Modules

- a. MySQL connector module (mysql.connector)

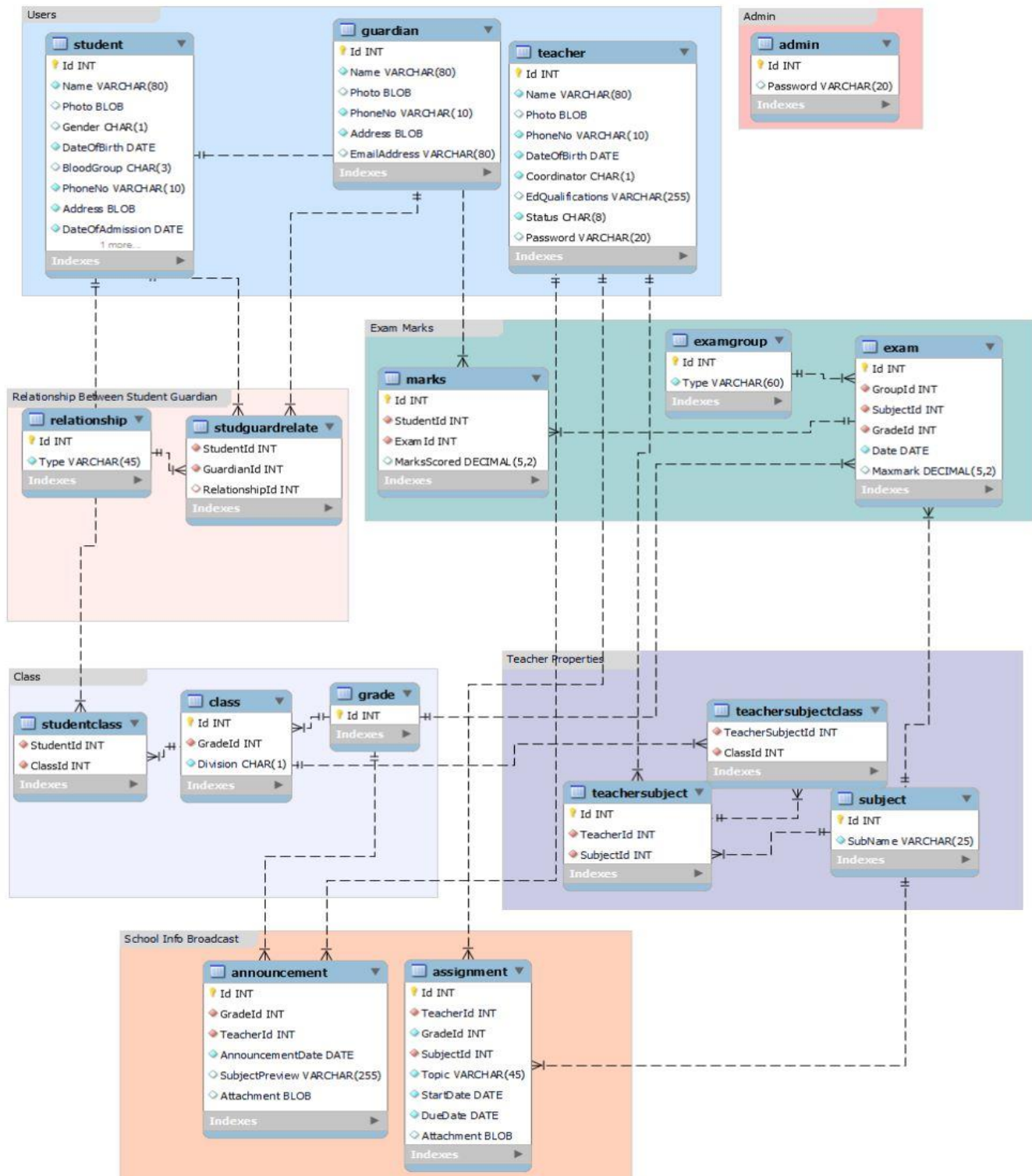
## 2. Data Flow Diagram



### 3. Database Design Structure

a. Database: EdStudio

b. Tables:



# Project Timeline Chart

