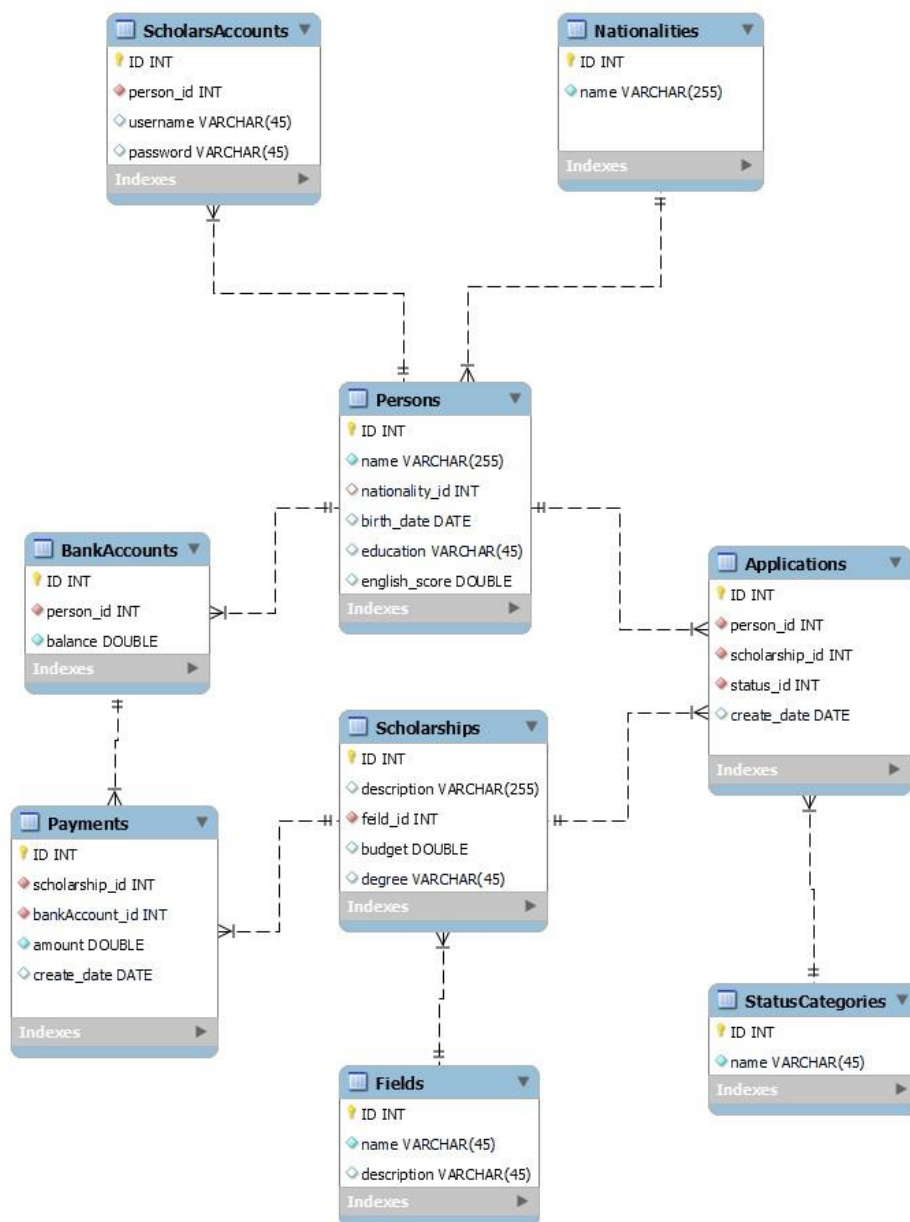# Project Management #3

Prepared by
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"Creating a database interface for a scholarship system"

Objective

The primary goal of this project is to create and build a strong and efficient database interface for managing scholarship data. This interface will be a key tool for our team, allowing us to easily and efficiently store, retrieve, update, and delete scholarship-related data.

Description

The project developing a complete database schema that appropriately reflects the scholarship system. This section contains tables for Bank Accounts, Scholar Accounts, Fields, Scholarships, Status Categories, Applications, and Payments. Each table is intended to record specific data connected to the scholarship system.

The Bank Accounts table contains information on each scholar's bank accounts. The Scholars Accounts table takes track of the scholars' account information. The disciplines table offers information about the many disciplines of study that qualify for scholarships. The Scholarships table contains information about the many scholarships available. The Status Categories table categorizes the scholarships' current status. The Applications table maintains scholarship applications, while the Payments table handles scholarship payment information.

The project also includes creating classes for each table in the SQLite database. These classes support CRUD (Create, Read, Update, and Delete) activities on each table, offering a unified interface for dealing with the database. The update function is a vital component of this project. It allows you to update records in the database.

Expected Outcome

Upon successful completion of this project, our team will have an efficient interface tool for managing scholarship data. This will not only streamline our operations but also enhance our ability to serve our scholars better.

Team Members

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My task source code: **elgabasy/Scholarship-Database (github.com)**