

Stack Overflow

30432

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Introduction

The aim of this assignment is to develop a simplified version of a Q&A forum, inspired by StackOverflow.

Software architecture

The design is layered, being comprised of 3 main layers:

- Data Access
- Business
- Presentation

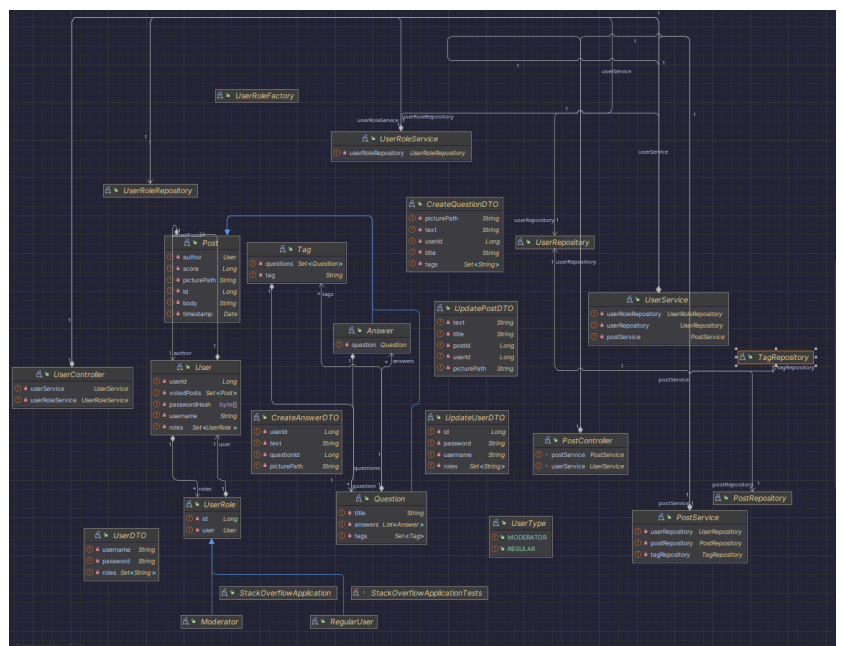
Functional requirements

The application must allow users to:

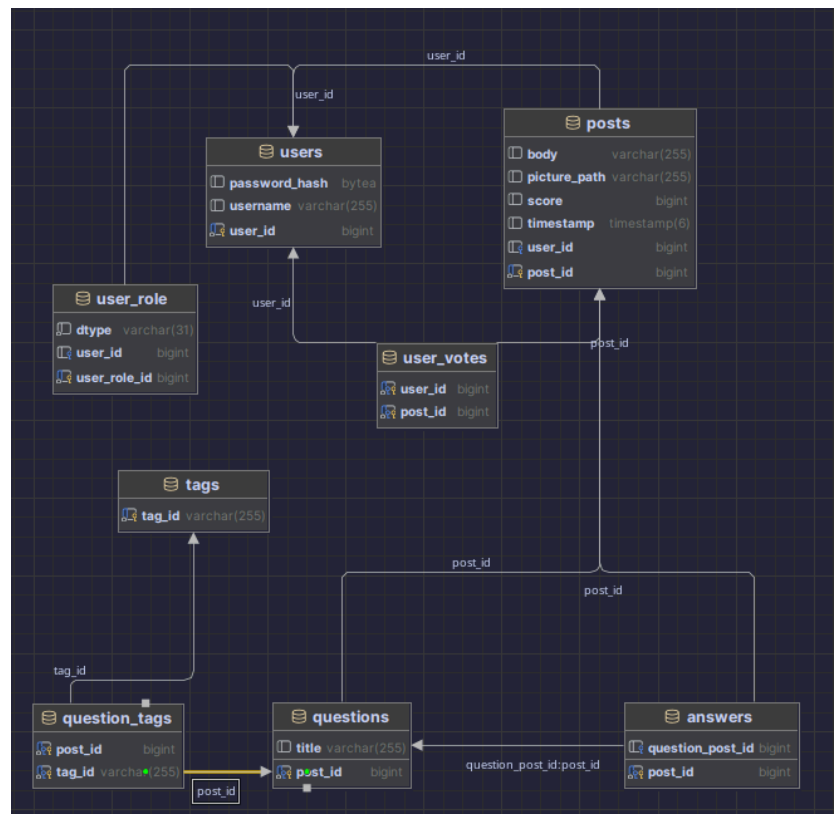
- Ask and answer questions
- Users can edit their own posts
- View questions and answers
- Moderators can remove posts
- Moderators can edit posts
- Moderators can ban users

Diagrams:

- Class



- Database



Use Case Definition

- User Authentication:

Description: Allows users to log in securely to the application using their credentials.

- Ask and Answer Questions:

Description: Enables users to post questions or provide answers to existing questions within the application.

- Edit Own Posts:

Description: Allows users to edit their own questions or answers after posting them.

- View Questions and Answers:

Description: Enables users to browse and view questions along with their respective answers.

- Remove Posts:

Description: Allows moderators to remove inappropriate or spam posts from the application.

- Edit Posts:

Description: Enables moderators to edit posts to correct inaccuracies or improve clarity.

- Ban Users:

Description: Allows moderators to ban users who violate community guidelines or engage in inappropriate behaviour within the application.