

Web Programiranje ASP
Projekat Social Circle – Web API
Visoka škola strukovnih studija ICT

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Tema projekta je Društvena mreža radjena po uzoru na FaceBook koja se zove SocialCircle.

The diagram illustrates the database structure for a social media application. It includes the following entities and their attributes:

- UserProfilePhotos**: UserId, PhotoId, Created
- PhotosVideos**: Id, Path, PostId, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, IsActive
- Comments**: Id, Content, ParentId, UserId, PostId, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy
- UserWalls**: UserId, PostId, Created
- Likes**: Id, PostId, CommentId, UserId, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy
- Reports**: Id, UserId, PostId, ReportedUserId, Description, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy
- Groups**: Id, Name, Description, PrivacyId, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy
- Privacy**: Id, Name, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy, IsActive
- GroupPost**: GroupId, PostId, Created, UserId
- GroupMembers**: Id, GroupId, UserId, RoleId
- Role**: Id, Name, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy, IsActive
- RoleUseCases**: RoleUseCaseId, RoleId
- UseCaseLogs**: Id, CreatedAt, UseCaseName, Data, Actor
- Friends**: Id, UserId, FriendId, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy, IsActive
- Notifications**: Id, Description, UserId, IsRead, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy
- Messages**: Id, SenderId, ReceiverId, Content, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy
- Users**: Id, Email, Password, FirstName, LastName, DateOfBirth, RoleId, CreatedAt, DeletedAt, DeletedBy, UpdatedAt, UpdatedBy

The diagram shows various relationships between these entities, including one-to-many, many-to-many, and self-referencing relationships. For example, a User can have many Profile Photos, and a Group can have many Members. The diagram is a comprehensive representation of the application's data model.

C) Funkcionalnosti

- 1) Logovanje i registracija korisnika
- 2) Upotreba jwt tokena za autorizaciju
- 3) Pretraga korisnika
- 4) Izvlačenje pojedinačnog korisnika
- 5) Brisanje korisnika – deaktivacija korisnika
- 6) Ažuriranje podataka o pojedinačnom korisniku
- 7) Dodavanje prijatelja
- 8) Pretraga korisnikovih prijatelja
- 9) Brisanje prijatelja
- 10) Slanje poruka između korisnika u „real-time“
- 11) Notifikacije u “real-time”
- 12) Upis poruka
- 13) Upis notifikacija
- 14) Dohvaćanje svih poruka
- 15) Dohvaćanje pojedinačnih grupisanih poruka u “chat”-u
- 16) Pretraga postova
- 17) Brisanje postova
- 18) Dodavanje posta(post može biti slika,video ili obični post)
- 19) Ažuriranje posta
- 20) Dodavanje lajka
- 21) Brisanje lajka
- 22) Komentarisanje posta (komentarisanje komentara i pod komentara)
- 23) Dodavanje grupe
- 24) Pretraga grupa
- 25) Brisanje grupe
- 26) Potajanje član grupe
- 27) Ažuriranje grupe