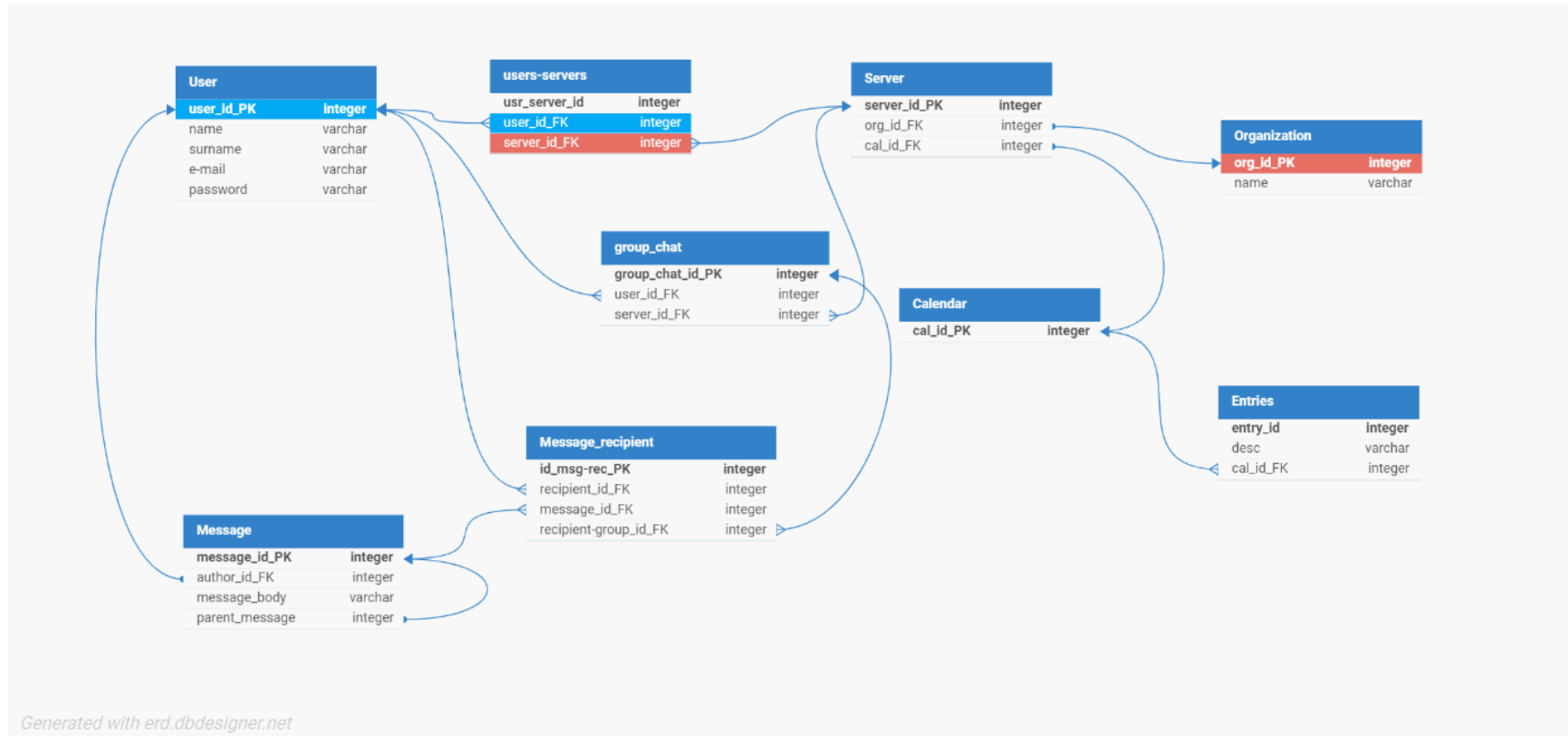# Baza danych

Generated with erd.dbdesigner.net

Wyjaśnienie Tabel:

- Organization:
    - org_id_PK – integer – Primary Key – Identifier of a company
    - Name – varchar -Name of the company
- Server:
    - Server_id_PK – integer – Primary Key – Identifier of a server
    - Org_id_FK – integer – Foreign Key – Relates to the company owning and mantaining the server
    - Cal_id_FK – integer – Foreign Key – Relates to the calendar used by the company where all of the deadlines and important dates are stored
- Calendar:
    - Cal_id_PK – integer – Primary Key – Identifies the callendar
- Entries:
    - Entry_id – integer – Primary Key – identifies the entry in callendar
    - Desc – varchar – Stores informations included in a single entry in calendar
    - Cal_id_FK – integer – Foreign Key – Relates callendar which entry is assigned to
- Users-servers:
    - Usr_server_id – integer – Primary Key – identifies the connection between User and specific Server
    - User_id_FK – integer – Foreign Key – Relates to user
    - Server_id_FK – integer – Foreign Key – Relates to Server

    Note: One user can be active in multiple servers

- User:
  - User_id_PK – integer – Primary Key – Unique identifier assignet to user
  - Name – varchar – First name
  - Surname – varchar – Second name
  - e-mail – varchar – e-mail
  - Password - varchar
- Group_chat:
  - Group_chat_id_PK – integer – Primary Key – Identifies the group chat on a specific Server
  - User_id_FK – integer – Foreign Key – allows multiple users to join to one group chat
  - Server_id_FK – integer – Foreign Key – assigns group chat to a specific Server
- Message_receipent:
  - Id_msg-rec_PK – integer – Primary Key – Identifies a specific message
  - Receipent_id_FK – integer – Foreign Key – Refers to person/people that the message was sent to
  - Message_id_FK – integer – Foreign Key – Relates to message/messages sent
  - Receipent-group_FK – integer (Allow Nulls) – Foreign Key – assigns message sent to a group chat
- Message:
  - Message_id_PK – integer – Primary Key – Identifies a specific message

- Author_id_FK – integer – Foreign Key – Relates to User who sent the message

- Message_body – varchar – content of the message

- Parent_message – integer (Allow Nulls) – Foreign Key -