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    erDiagram
        address_data ||--o{ user : "has"
        address_data ||--o{ group_members : "has"
        address_data ||--o{ group_moderators : "has"
        address_data ||--o{ group_admins : "has"
        address_data ||--o{ group_m : "has"
        address_data ||--o{ event : "has"
        address_data ||--o{ contacts : "has"

        user ||--o{ group_members : "has"
        user ||--o{ group_moderators : "has"
        user ||--o{ group_admins : "has"
        user ||--o{ group_m : "has"
        user ||--o{ event : "has"
        user ||--o{ contacts : "has"

        group_members ||--o{ group_moderators : "has"
        group_members ||--o{ group_admins : "has"
        group_members ||--o{ group_m : "has"
        group_members ||--o{ event : "has"
        group_members ||--o{ contacts : "has"

        group_moderators ||--o{ group_admins : "has"
        group_moderators ||--o{ group_m : "has"
        group_moderators ||--o{ event : "has"
        group_moderators ||--o{ contacts : "has"

        group_admins ||--o{ group_m : "has"
        group_admins ||--o{ event : "has"
        group_admins ||--o{ contacts : "has"

        group_m ||--o{ event : "has"
        group_m ||--o{ contacts : "has"

        event ||--o{ contacts : "has"
  
```

The diagram illustrates a database schema for a social network application. It consists of several tables, each with its own set of attributes and relationships to other tables.

- address_data** (table): Attributes include building, housing, street, city, district, latitude, longitude, country, and address_user_id. It has relationships with **user**, **group_members**, **group_moderators**, **group_admins**, **group_m**, **event**, and **contacts**.
- user** (table): Attributes include date_create, date, email_data, nickname, and user_id. It has relationships with **group_members**, **group_moderators**, **group_admins**, **group_m**, **event**, and **contacts**.
- group_members** (table): Attributes include group_id, user_id, and login. It has relationships with **group_moderators**, **group_admins**, **group_m**, **event**, and **contacts**.
- group_moderators** (table): Attributes include group_id, user_id, and login. It has relationships with **group_admins**, **group_m**, **event**, and **contacts**.
- group_admins** (table): Attributes include group_id, user_id, and login. It has relationships with **group_m**, **event**, and **contacts**.
- group_m** (table): Attributes include group_id, description, and login. It has relationships with **event** and **contacts**.
- event** (table): Attributes include event_id, event_date, event_time, event_name, time_begin, time_end, and user_id. It has a relationship with **contacts**.
- contacts** (table): Attributes include user_id, contact_id, and login. It has a relationship with **event**.
- personal_data** (table): Attributes include name, surname, date_birth, date, phone_number, and user_id. It has a relationship with **event**.
- general_data** (table): Attributes include states, description, tags, and user_id. It has a relationship with **event**.
- meetup** (table): Attributes include meetup_id, meetup_date, time_begin, time_end, group_id, and login. It has a relationship with **event**.

The relationships are indicated by lines and arrows, showing the cardinality and direction of the associations between the tables.

