

## **Ford, Darien**

### **VGG Database Design**

#### **ERD**

##### **1. Users Table**

Stores all user profile data.

Fields:

- user\_id, Primary Key
  - first\_name
  - last\_name
  - email
  - password
  - phone
  - location
  - branch
  - mil\_rank
  - gender
  - skill\_level
  - created\_at
- 

##### **2. Groups Table**

Fields:

- group\_id, Primary Key
  - group\_name
  - group\_type (Men, Women, Mixed)
  - description
  - location
  - created\_by, Foreign Key → Users
  - created\_at
- 

##### **3. GroupMembers Table**

Fields:

- group\_member\_id, Primary Key

- group\_id, Foreign Key → Groups
  - user\_id, Foreign Key → Users
  - role (Admin, Member)
  - join\_status (Pending, Approved)
  - joined\_at
- 

#### 4. Events Table

Fields:

- event\_id, Primary Key
  - event\_name
  - event\_type (Outing, Tournament, Clinic)
  - skill\_level
  - event\_date
  - event\_time
  - location
  - course\_id, Foreign Key → GolfCourses
  - group\_id, Foreign Key → Groups
  - max\_players
  - created\_by, Foreign Key → Users
- 

#### 5. EventParticipants Table

Fields:

- participant\_id, Primary Key
  - event\_id, Foreign Key → Events
  - user\_id, Foreign Key → Users
  - status (Joined, Waitlisted)
  - joined\_at
- 

#### 6. GolfCourses Table

Fields:

- course\_id, Primary Key
- course\_name
- address
- city
- state
- zip\_code
- course\_type (Public, Private, Semi-Private)

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## 7. VeteranLinks Table

Fields:

- link\_id, Primary Key
- organization\_name
- description
- website\_url
- category
  - Example values:
    - Support
    - Golf Programs
    - Tickets/Events

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## 8. Products Table

Fields:

- product\_id, Primary Key
- product\_name
- description
- price
- category
- color
- stock\_quantity

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## 9. Orders Table

Fields:

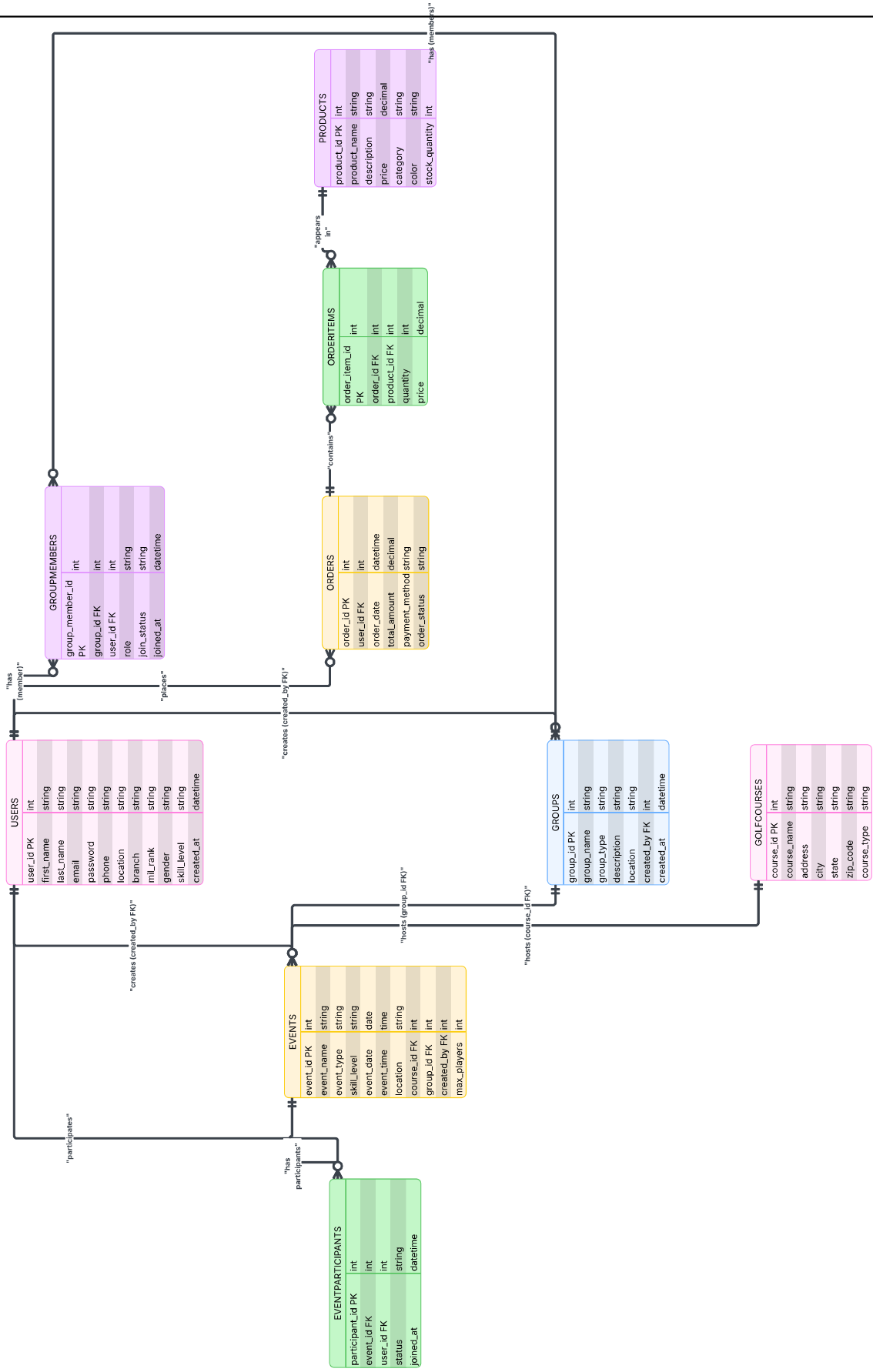
- order\_id, Primary Key
- user\_id, Foreign Key → Users
- order\_date
- total\_amount
- payment\_method
- order\_status

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## 10. OrderItems Table

Fields:

- order\_item\_id, Primary Key
- order\_id, Foreign Key → Orders
- product\_id, Foreign Key → Products
- quantity
- price



link_id PK	int
organization_name	string
description	string
website_url	string
category	string