**Simplified DB**

**users**

| **Column** | **Type** | **Description** |
| --- | --- | --- |
| id | BIGINT | Primary key |
| name | STRING | User's name |
| email | STRING | Unique |
| password | STRING | Hashed password |
| group\_id | BIGINT | FK to groups (nullable) |
| is\_leader | BOOLEAN | True if user is a group leader |
| created\_at | TIMESTAMP |  |
| updated\_at | TIMESTAMP |  |

**groups**

| **Column** | **Type** | **Description** |
| --- | --- | --- |
| id | BIGINT | Primary key |
| name | STRING | Group name |
| join\_code | STRING | Used to invite others |
| created\_by | BIGINT | FK to users.id (the leader) |
| created\_at | TIMESTAMP |  |
| updated\_at | TIMESTAMP |  |

**coffees**

| **Column** | **Type** | **Description** |
| --- | --- | --- |
| id | BIGINT | Primary key |
| name | STRING | Flavor/Type (e.g., Ristretto) |
| price | DECIMAL(5,2) | Price per capsule |
| group\_id | BIGINT | FK to groups |
| created\_at | TIMESTAMP |  |
| updated\_at | TIMESTAMP |  |

**coffee\_logs**

| **Column** | **Type** | **Description** |
| --- | --- | --- |
| id | BIGINT | Primary key |
| user\_id | BIGINT | FK to users |
| coffee\_id | BIGINT | FK to coffees |
| created\_at | TIMESTAMP | When it was consumed |

**payments**

| **Column** | **Type** | **Description** |
| --- | --- | --- |
| id | BIGINT | Primary key |
| user\_id | BIGINT | Who paid |
| amount | DECIMAL(6,2) | How much |
| validated | BOOLEAN | Approved by leader? |
| created\_at | TIMESTAMP |  |