**1. Customers**

Stores info about customers including account creation for speeding up re-orders.

* customer\_id (PK)
* first\_name
* last\_name
* email (unique)
* password\_hash (for login)
* phone\_number
* address (optional, for delivery if needed)
* date\_joined
* loyalty\_points (optional)
* created\_at
* updated\_at

**2. Locations (Stores/Restaurants)**

Info about the three venues where customers can book a table or attend lessons.

* location\_id (PK)
* name (e.g. Harrogate, Leeds, Knaresborough Castle)
* address
* phone\_number
* email
* opening\_hours (could be JSON or separate table)
* created\_at
* updated\_at

**3. Bookings**

For restaurant space bookings.

* booking\_id (PK)
* customer\_id (FK)
* location\_id (FK)
* booking\_date
* booking\_time
* number\_of\_guests
* special\_requests
* status (e.g., confirmed, cancelled)
* created\_at
* updated\_at

**4. PreOrders (Coffee and Baked Goods)**

Allows pre-ordering coffee and baked goods for collection. Could be two tables or one with type differentiation.

* preorder\_id (PK)
* customer\_id (FK)
* location\_id (FK)
* order\_type (e.g., coffee, baked\_goods)
* order\_date
* pickup\_time
* status (e.g., pending, ready, collected)
* created\_at
* updated\_at

**5. MenuItems**

Catalog of coffee, baked goods, meals, frappes, smoothies, seasonal items, etc.

* menu\_item\_id (PK)
* name
* description
* price
* category (e.g., coffee, baked\_good, frappe, smoothie)
* is\_customizable (boolean)
* available\_seasonally (boolean)
* created\_at
* updated\_at

**6. PreOrderDetails**

Details of items within a pre-order, to support multiple items in one order.

* preorder\_detail\_id (PK)
* preorder\_id (FK)
* menu\_item\_id (FK)
* quantity
* customizations (text or JSON for specific customer requests)
* price (price at time of order)
* created\_at
* updated\_at

**7. BakingLessons**

Available baking lessons that customers can pre-book.

* lesson\_id (PK)
* location\_id (FK)
* title
* description
* lesson\_date
* lesson\_time
* capacity (max participants)
* price
* created\_at
* updated\_at

**8. LessonBookings**

Customer bookings for baking lessons.

* lesson\_booking\_id (PK)
* lesson\_id (FK)
* customer\_id (FK)
* status (e.g., confirmed, cancelled)
* created\_at
* updated\_at

**9. BakedGoodsHampers**

Customizable hampers that customers can pre-order.

* hamper\_id (PK)
* customer\_id (FK)
* location\_id (FK)
* name (e.g., “Birthday Hamper”)
* custom\_notes
* price
* order\_date
* pickup\_date
* status
* created\_at
* updated\_at

**10. HamperItems**

Items inside a hamper, similar to preorder details.

* hamper\_item\_id (PK)
* hamper\_id (FK)
* menu\_item\_id (FK)
* quantity
* created\_at
* updated\_at

**11. CustomerReviews**

For the "Rate my cake" social sharing feature.

* review\_id (PK)
* customer\_id (FK)
* menu\_item\_id (FK)
* rating (e.g., 1 to 5 stars)
* review\_text
* created\_at

**12. SocialMediaPosts**

If customers can post/share on social media directly via the app.

* post\_id (PK)
* customer\_id (FK)
* content (text, or link)
* image\_url (optional)
* post\_date
* likes (optional)
* comments (optional, could be separate table)
* created\_at

**13. Users (Staff)**

If you want to track employees, managers, etc. for admin functionality.

* user\_id (PK)
* name
* role (e.g., store manager, marketing, developer)
* email
* password\_hash
* created\_at
* updated\_at