

USERS		
Field	Type	Notes
<u>id</u>	ObjectId	PK
fullname	String	
email	String	Unique index, case-insensitive check
password	String	bcrypt hashed
role	String	admin' or 'customer'
createdAt	Date	
updatedAt	Date	



INVENTORY		
Field	Type	Notes
<u>id</u>	ObjectId	PK
name	String	Indexed; unique (upsert by name, case-insensitive)
qty	Number	stock quantity
price	Number	
category	String	food / drink / dessert / additional
images	Array<String>	/uploads/...
imageUrl	String	Primary image
createdAt	Date	
updatedAt	Date	



TRANSACTIONS		
Field	Type	Notes
<u>id</u>	ObjectId	PK
customer	String / Object	Free-form (not linked to users)
items	Array<Object>	Each item sold
discount	Number	Optional
tax	Number	Optional
createdAt	Date	Indexed (descending)
transaction.item[]		
Field	Type	Notes
itemId	ObjectId or null	FK → inventory._id (optional, nullable)
name	String	name at time of sale
qty	Number	must be > 0
price	Number	
lineTotal	Number	qty × price