ER Diagram

Legend:
- —|— ONE
- —< MANY
- —→ References

Hostelcheckinout
PK	record_id
FK	user_id
FK	room_no
FK	hostel_name
	checkin_time
	checkout_time

Hostelrooms
PK	room_no
FK	hostel_name
	capacity
	status
	gender
	contact_no

Students
PK	roll_no
FK	user_id
	name
	department
	gender
	email
FK	room_no
FK	hostel_name
FK	mess_id

Staff
PK	staff_id
FK	user_id
	name
	department
	gender
	contact_no

Hostels
PK	hostel_name
	total_rooms
	location

Mess
PK	mess_id
	mess_name
	capacity
	location

Messcheckinout
PK	record_id
	user_id
	user_type
	mess_id
	checkin_time

Users
PK	user_id
	username
	password
	role
	created_at

visitors
PK	visitor_id
FK	user_id
	name
	contact_no
	gender
FK	room_no
FK	guesthouse_name
	duration_of_stay
	purpose
FK	reference_id

Guestrooms
PK	room_no
FK	guesthouse_name
	capacity
	type
	status

guestcheckinout
PK	record_id
FK	user_id
FK	room_no
FK	guesthouse_name
	checkin_time
	checkout_time

Guesthouses
PK	guesthouse_name
	total-rooms
	location

Relationships (diamonds):
- Checks_in_hostel
- assigned_to
- belongs_to
- has_account
- has_account
- assigned_to
- Belongs to
- has_account
- Checks_in_guesthouse
- has_alloted
- belongs_to