Diagram Key

- Phase #1
- Phase #2
- Phase #3

candidate

Field	Type
candidate_id (IX)	Integer (PK)
title	String
full_name	String
date_of_birth	datetime
mobile_no_1	String
mobile_no_2	String
nic_no	String
address	String
sex	ENUM(Male / Female/Not Specified)
has_vehicle_license	Boolean
registered_date	datetime
status	ENUM(ENABLED/ DISABLED/ ON HOLD)

written_exam

Field	Type
exam_id (IX)	Integer (PK)
candidate_id	Integer (FK)
exam_date	datetime
status	ENUM(PASSED / FAILED/ ABSENT)

Initial Configurations

vehicle_model

Field	Type
vehicle__model_id	Integer (PK)
model	String
manufacturer_id	Integer(FK)

vehicle_manufacturer

Field	Type
manufacturer_id	Integer (PK)
manufacturer	String

trial

Field	Type
trial_id	Integer (PK)
candidate_id	Integer (FK)
trial_date	date
status	ENUM(PASSED / FAILED/ ABSENT)

lesson_schedule

Field	Type
lesson_id (IX)	Integer (PK)
candidate_id	Integer (FK)
license_category_id	Integer (FK)
instructor_id	Integer (FK)
vehicle_id	Integer (FK)
lesson_date	date
lesson_time	time
status	ENUM (COMPLETED/ ABSENT/ POSTPONED)

System User Administration

candidate_license_category

Field	Type
candidate_license_id	Integer (PK)
license_category_id	Integer (FK)
candidate_id	Integer
is_skilled	Boolean

license_package

Field	Type
package_id	Integer (PK)
package_name	String
package_description	Text
license_category_id	Integer
no_of_lessons	Integer
category_fee	Float
status	ENUM (ENABLED / DISABLED)
created_date	datetime

lesson_postpone_request

Field	Type
req_id	Integer (PK)
candidate_id	Integer (FK)
lesson_id	Integer (FK)
request_date	date
requested_from_time	time
requested_to_time	time
status	Enum(PENDING/ PROCESSING/ APPROVED/ REJECTED)
comments	text

instructor

Field	Type
instructor_id	Integer (PK)
user_id	Integer (FK)
driving_license_number	String
joined_date	datetime
resigned_date	datetime
status	ENUM (ENABLED / DISABLED)

user

Field	Type
user_id	Integer (PK)
title	String
first_name	String
last_name	String
nic_no	String
permanent_address	String
mobile_no	String
email_address	String
designation	String
joined_date	datetime
resigned_date	datetime
username	String
password	String (SHA-256)
user_role_id	Integer (FK)
status	ENUM(ENABLED/ DISABLED/ ON HOLD)

user_role

Field	Type
user_role_id	Integer (PK)
user_role	String
status	ENUM (ENABLED / DISABLED)

user_emergency_contact

Field	Type
contact_id	Integer (PK)
user_id	Integer (FK)
contact_person	String
relationship	String
contact_no	Type

candidate_payment

Field	Type
payment_id	Integer (PK)
candidate_id	Integer (FK)
agreed_amount	Float
paid_amount	Float
paid_date	datetime
due_amount	Float
payment_mode	ENUM (ADMISSION / INDIVIDUAL LESSON / TRIAL_DATE / LICENCE_INSTALMENT)

vehicle

Field	Type
vehicle_id	Integer (PK)
registration_number	String
model_id	Integer (FK)
manufaacturer	String
status	ENUM (ENABLED / DISABLED)

license_category

Field	Type
license_category_id	Integer (PK)
license_class_id	Integer (FK)
description	Text
skilled_category_fee	Float
unskilled_category_fee	Float
skilled_no_of_lessons	Integer
unskilled_no_of_lessons	Integer
status	ENUM (ENABLED / DISABLED)

license_class

Field	Type
license_class_id	Integer (PK)
license_class	Integer
description	text
other_eligible_classes	string