



# Darshan University

A Project Report on

## **“R.T.O. Learning License Practise Test”**

Under the subject

**Software Engineering (2101CS503)**

B. Tech, Semester – VI

Computer Science & Engineering Department

Submitted By

Student Name: Khunt Karan K.

Enrollment No.: 21010101108

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Internal Guide

Prof. Devangi Kotak

Darshan University

Dean-DIET

Dr. Gopi Sanghani

Darshan University



**Computer Science & Engineering  
Department  
Darshan University**

**DECLARATION**

We hereby declare that the SRS, submitted along with the **Software Engineering (2101CS503)** for entitled “**R.T.O. Learning License Practise Test**” submitted in partial fulfillment for the Semester-5 of **Bachelor Technology (B. Tech)** in **Computer Science and Engineering (CSE)** Department to Darshan University, Rajkot, is a record of the work carried out at **Darshan University, Rajkot** under the supervision of **Devangi Kotak** and that no part of any of report has been directly copied from any students’ reports, without providing due reference.

**Khunt Karan K.**

Student’s Signature

Date: \_\_\_\_\_



**Computer Science & Engineering  
Department  
Darshan University**

**CERTIFICATE**

This is to certify that the SRS on **“R.T.O. Learning License Practise Test”** has been satisfactorily prepared by **Khunt Karan k(21010101108)** under my guidance in the fulfillment of the course **Software Engineering (2101CS503)** work during the academic year 2023-2024.

Internal Guide  
Prof. Devangi Kotak  
Darshan University

Dean-DIET  
Dr. Gopi Sanghani  
Darshan University

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Thanking You

**Khunt Karan K.**

## **Abstract**

R.T.O. Driving Test System is use for before R.T.O. exam People are learn MCQ and give Exam like Real exam.

This Project has Many information Which are generally People are not Know like license Procedure, Driving Law R.T.O Code and office's address, Fitness of vehicle, PUC information etc.

It has also a facility where people are use application in their language.

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# 1 Introduction

## 1.1 Product Perspective

In this Project learn and Practice MCQ with category like TRAFFIC SIGNS BOOKMARKS etc.

It has all Process Information like How to do apply for new Driving license How to Renewal of Driving Licence.

## 1.2 Product Features

- People are use application in their language
- User are give exam like same as R.T.O exam.
- People learn R.T.O MCQ of their State
- People are learn MCQ with Category.
- application has Bookmark features.
- User find RTO Code and RTO office address
- User are visit their state RTO web site.
- people are check all RTO Procedure like New DL, PUC, Renewal of DL their steps

## 1.3 Functional Requirement

- **Question Bank:** user are all question read.
- **Practice:** user are Practice for question answer.
- **Exam:** user give exam like R.T. O. real Exam
- **License Procedure:** Find the complete Process on how to apply for License.
- **Driving Law:** ACCESS a complete list of various driving laws and their Penalties
- **RTO Code & office:** You can search for RTO Codes across Various states and cities of India
- **Statistics:** Driving Licence, vehicle Population, Road Accidents about information.
- **FAQ:** Some Important Document For Driving Vehicle
- **Language selection:** user are select their State Language.

## **1.4 Non-Functional Requirement**

### **1.4.1 Usability**

- The UI should be easy or comfortable for use for everyone.
- People can select their language.

### **1.4.2 Accuracy**

- All question and answer should be Connect.
- All RTO Office information are correct and consistency.

### **1.4.3 Availability**

- Internet is require for using the application.

### **1.4.4 Maintainability**

- The software should easily maintain and should easily add new features and make Changes.
- The Software should be updated as needed. to fix bugs and improve performance.

## 2 Design and Implementation Constraints

### 2.1 Use-case diagram

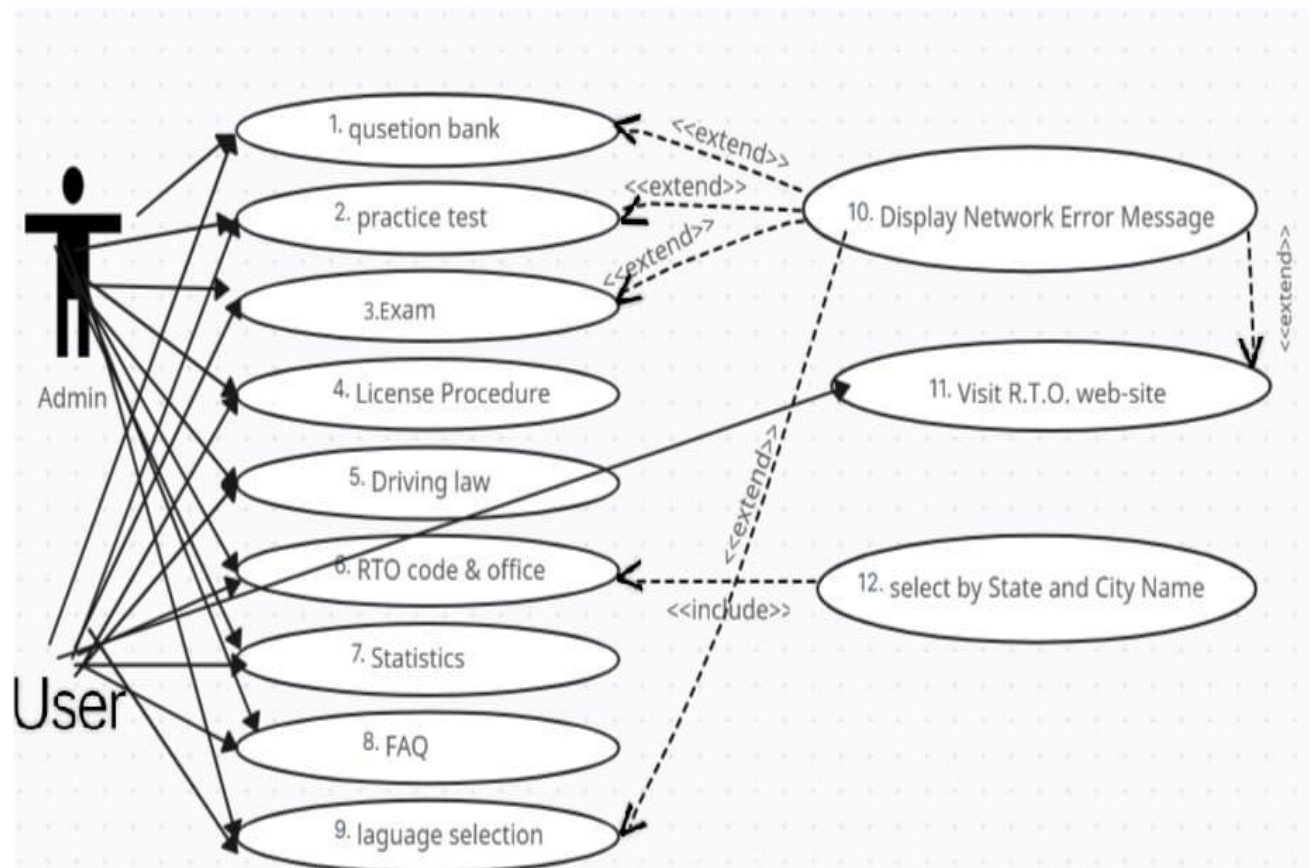


Figure 2.1-1 Use case diagram for RTO learning licence practice test

## 2.2 Activity Diagram

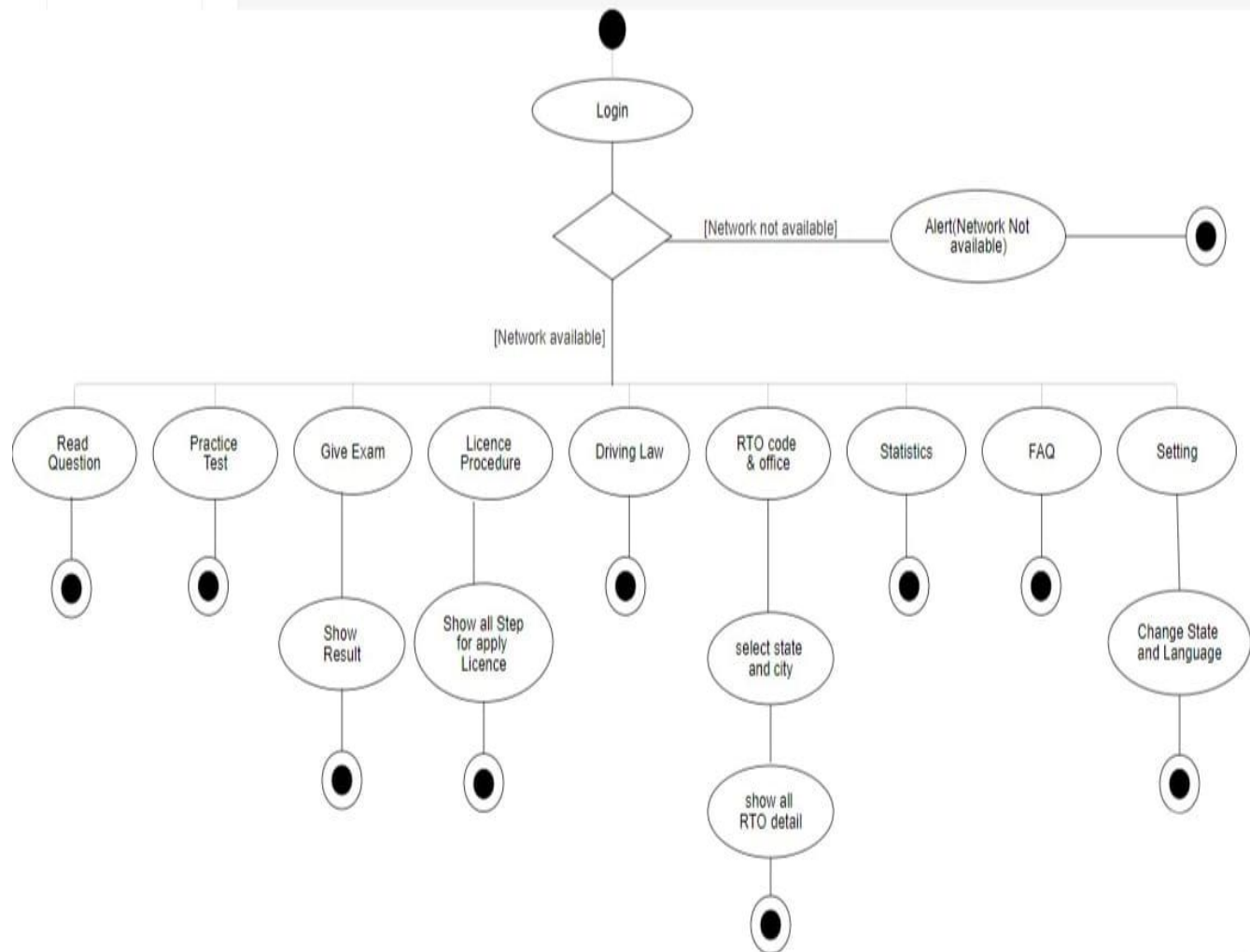


Figure 2.2-1 Activity diagram for user

## 2.3 Swimlane Diagram

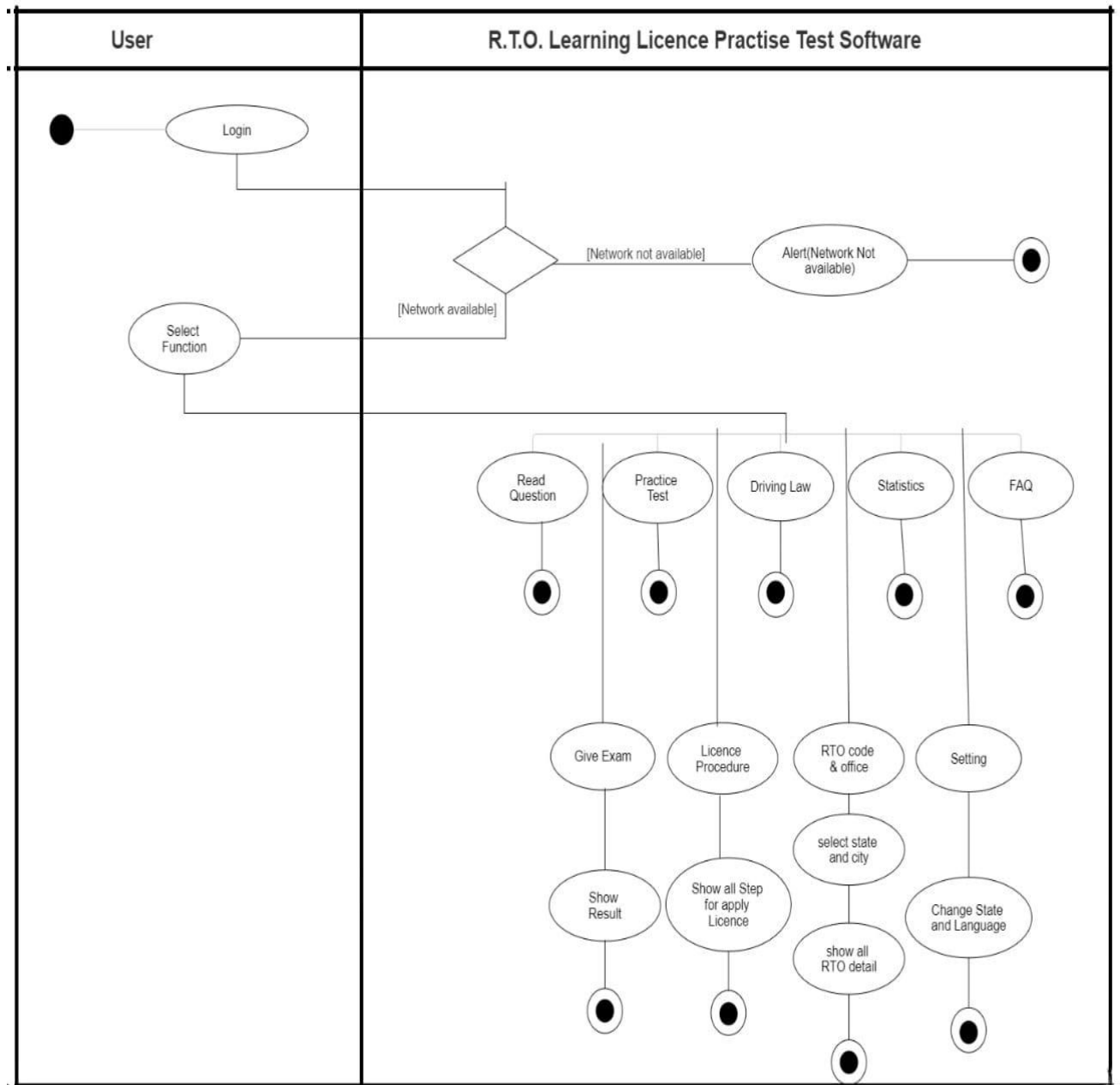


Figure 2.3-1 Swim lane Diagram for User

## 2.4 Sequence Diagram for check R.T.O. office detail

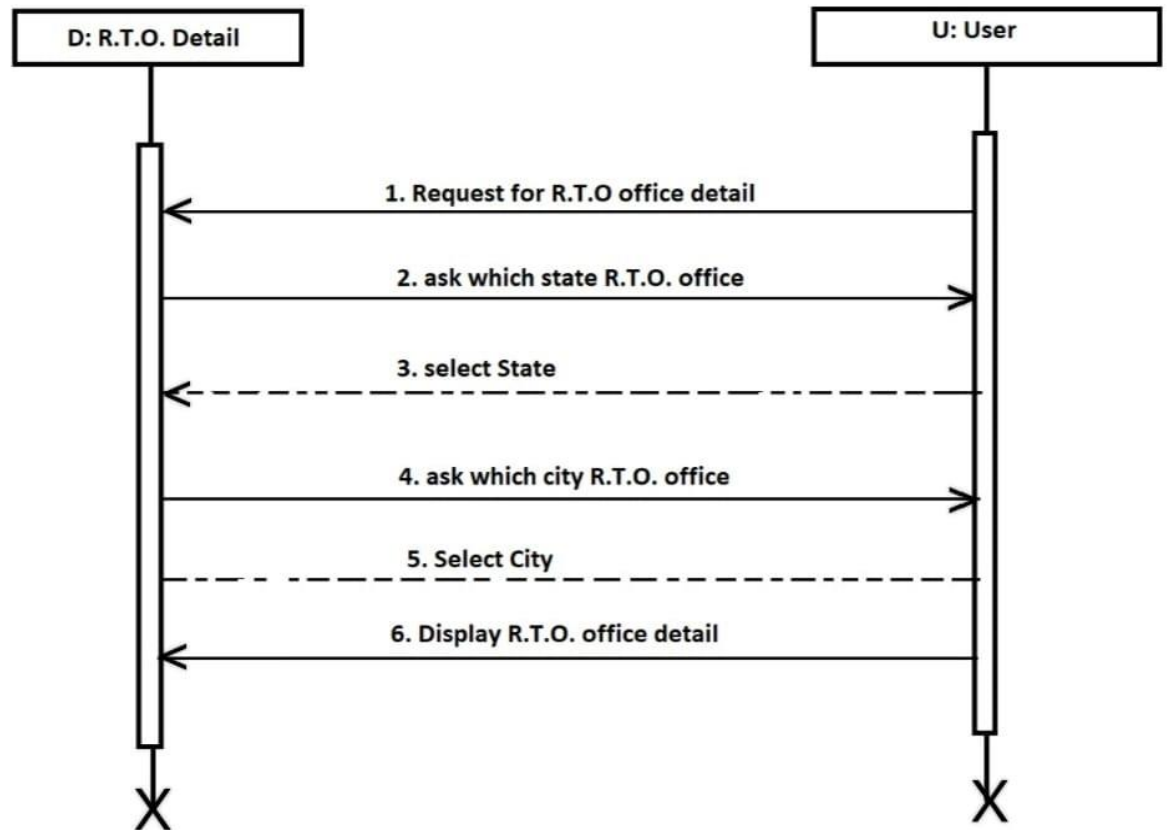


Figure 2.4-1 sequence Diagram for User



## 2.5 State Diagram

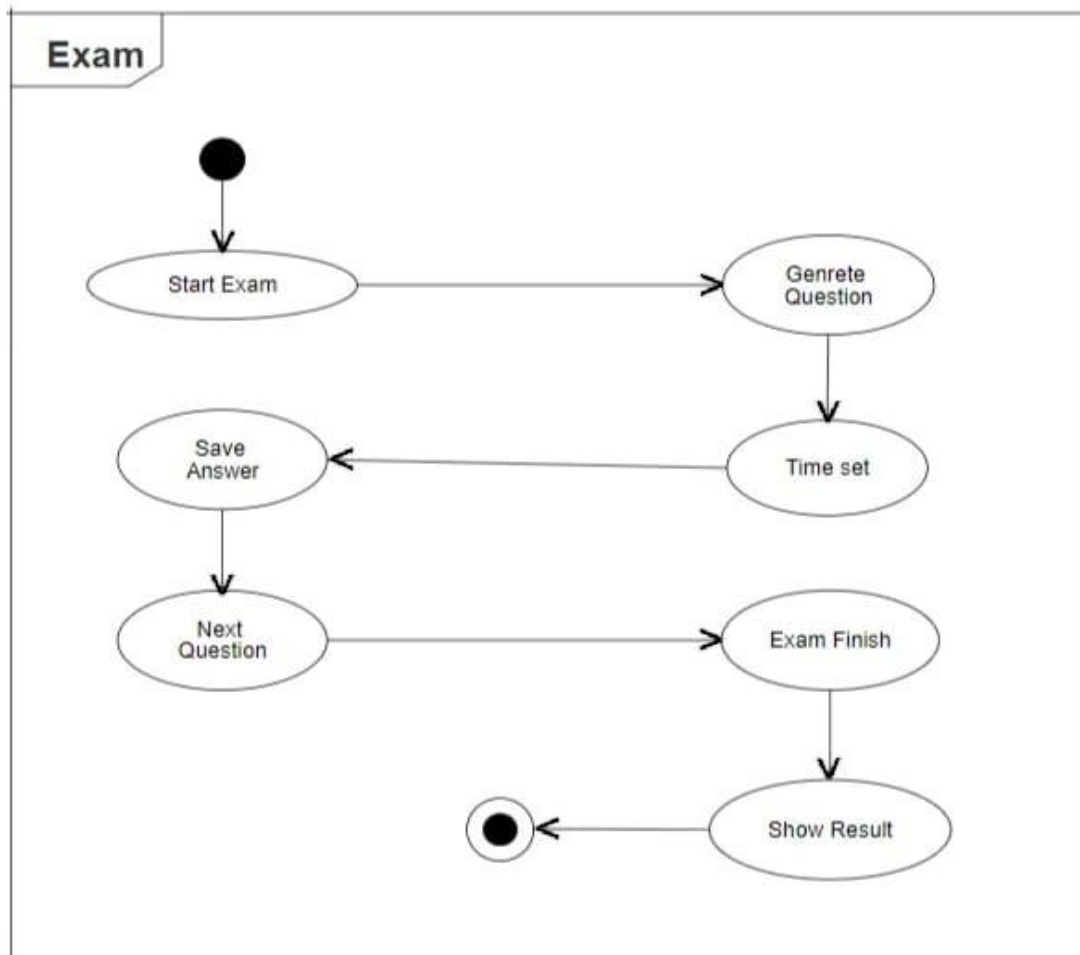


Figure 2.5-1 State diagram for Exam

## 2.6 Class Diagram

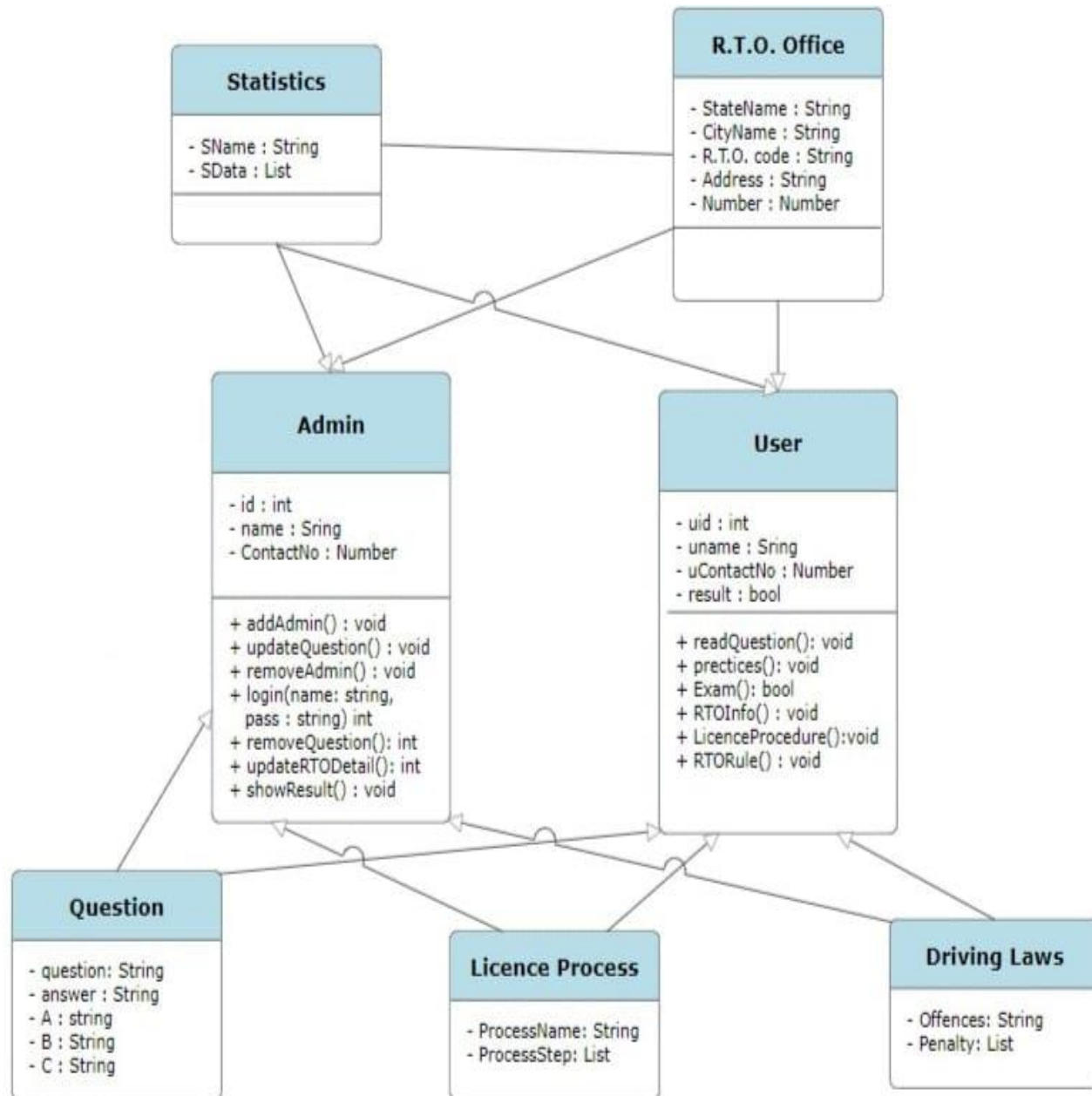


Figure 2.6-1 Class Diagram for User

## 2.7 Data Flow Diagram

### 2.7.1 Context Diagram (level-0)

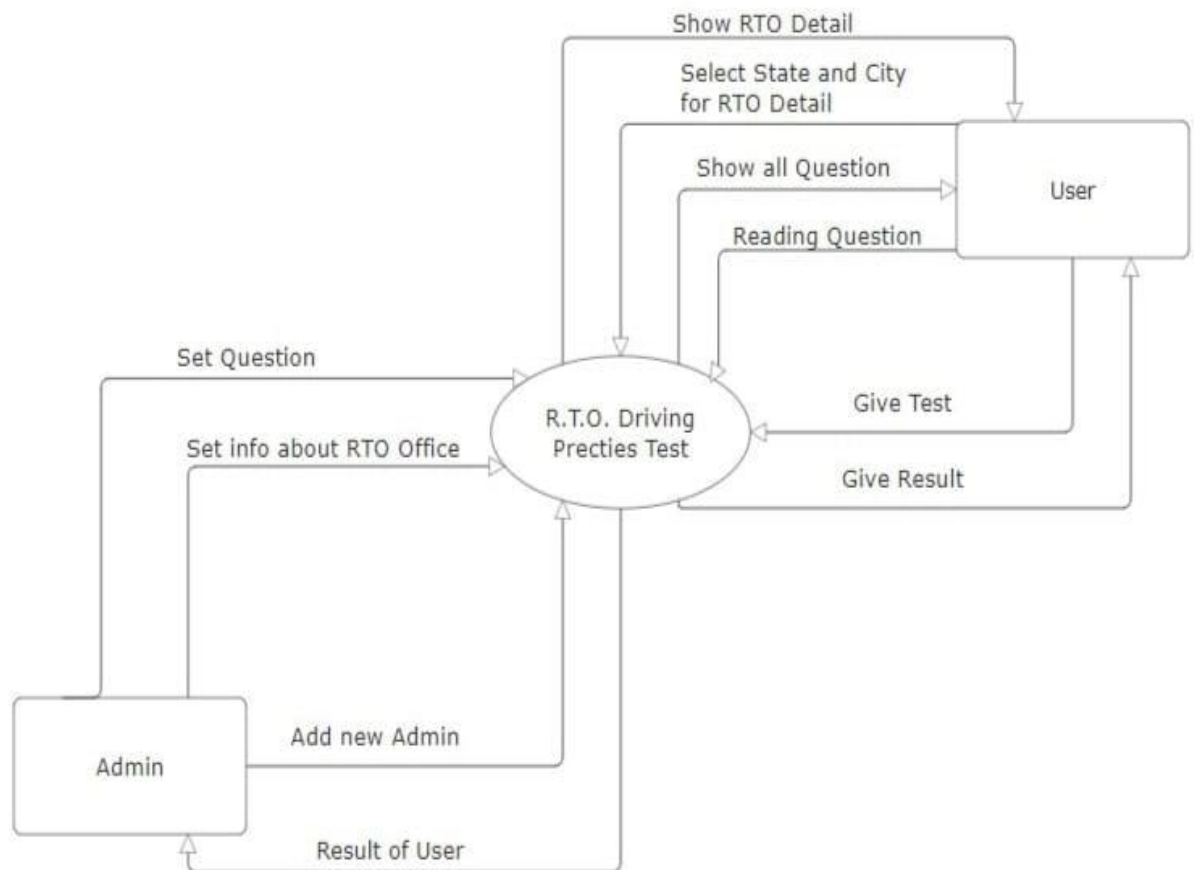


Figure 2.7-1 Data Flow Diagram level-0

## 2.7.2 DFD Level-1

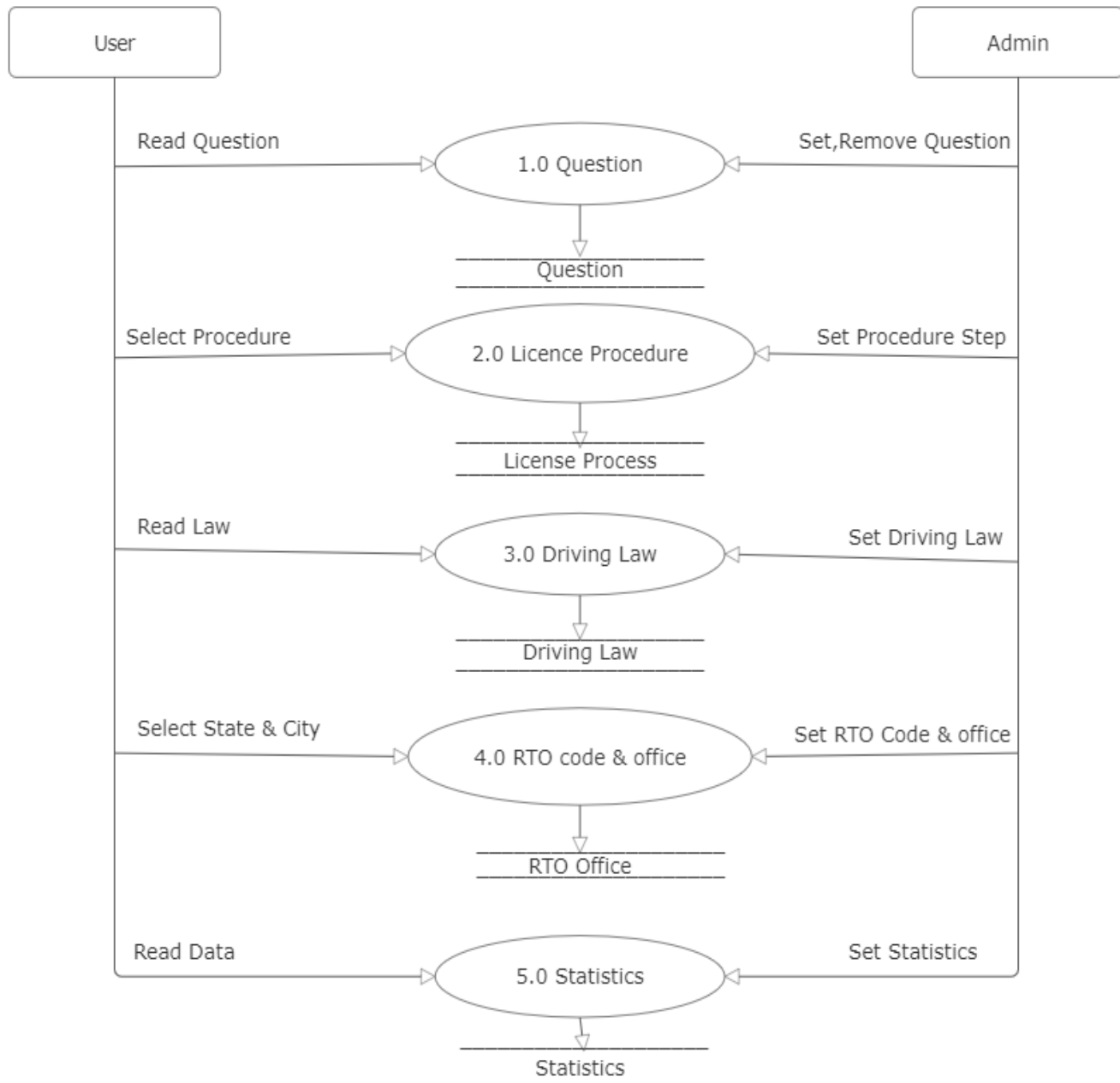


Figure 2.7-2 DFD level-1 for user

### 2.7.3 DFD Level-2

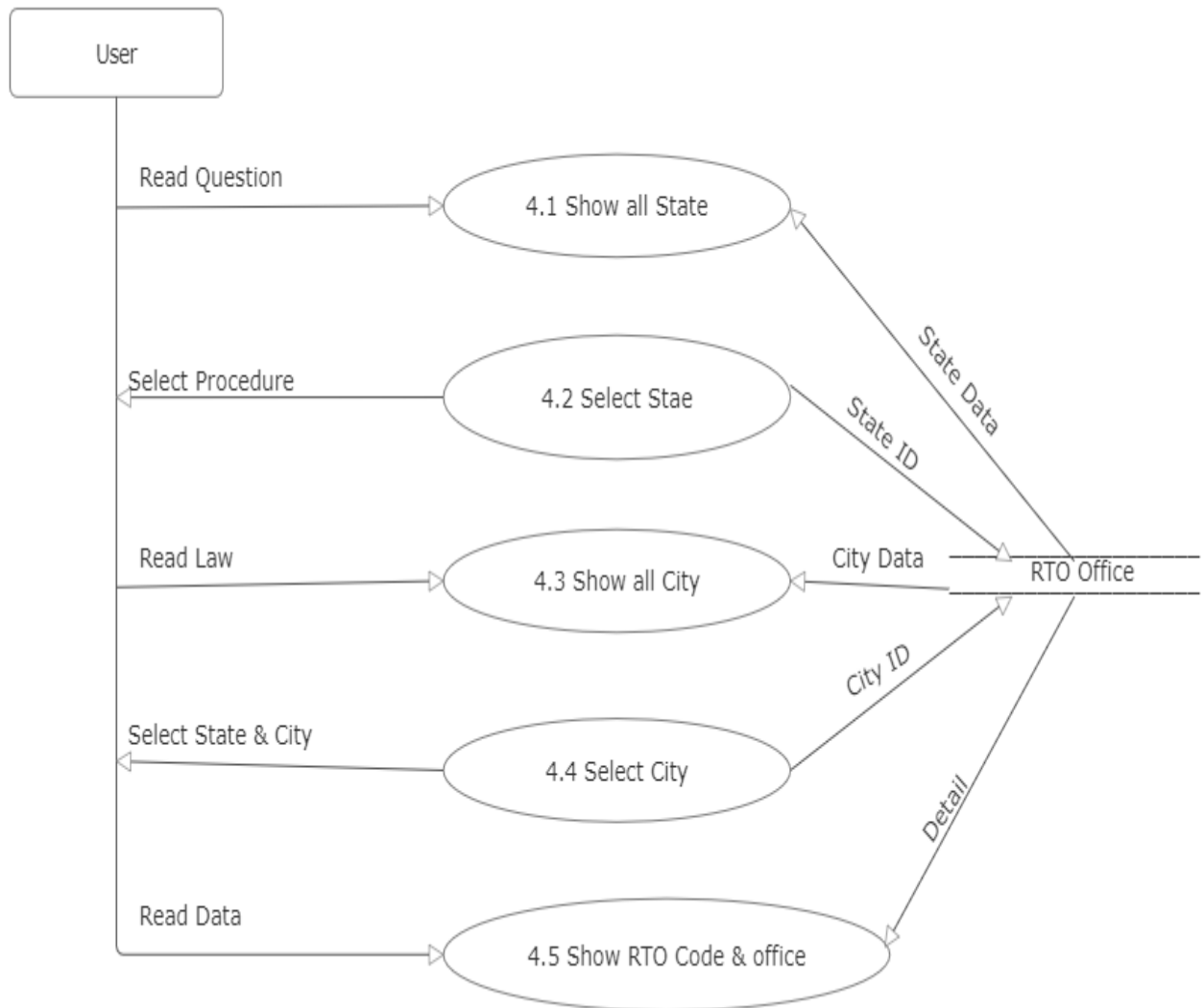


Figure 2.7-3 DFD level-2 for RTO code & office

### 3 External interface requirement (Screens)

#### 3.1 Screen-1 : Exam

The screenshot shows a mobile application interface for an exam. At the top, there is a blue header bar with a back arrow, the word "Exam", the progress "5/10", and a timer icon showing "12s". Below the header, the question text is "Q-5 : When a Vehicle is parked on the road side during night". There are three options listed: "A : The park light shall remain lit", "B : gesagaf", and "C : gesagaf". At the bottom, there is a status bar showing a green checkmark with "3" and a red X with "1", and a blue button labeled "Next Question" with a right arrow.

Figure 3.1-1 Screen-1: Registration Form

**Purpose:** This Screen in user give exam an after exam also check their result. This is only for Practices Exam.

Table 3.1-1 Screen element of Exam

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			You just leave the Exam
2	Question No.	Textbox	M	1	Show question No.
3	Timer	Textbox	M	1	How man sec in choose any one option
4	Question	Textbox	M	1	Show question
5	Option	Button	M	N	Three option for question and one is write and other wrong
6	True,False	Textbox	O	1	Show how many question true, false
7	Next Question	Button			When choose to option and time is not finish then switch next question

## 3.2 Screen-2 Driving License Procedure

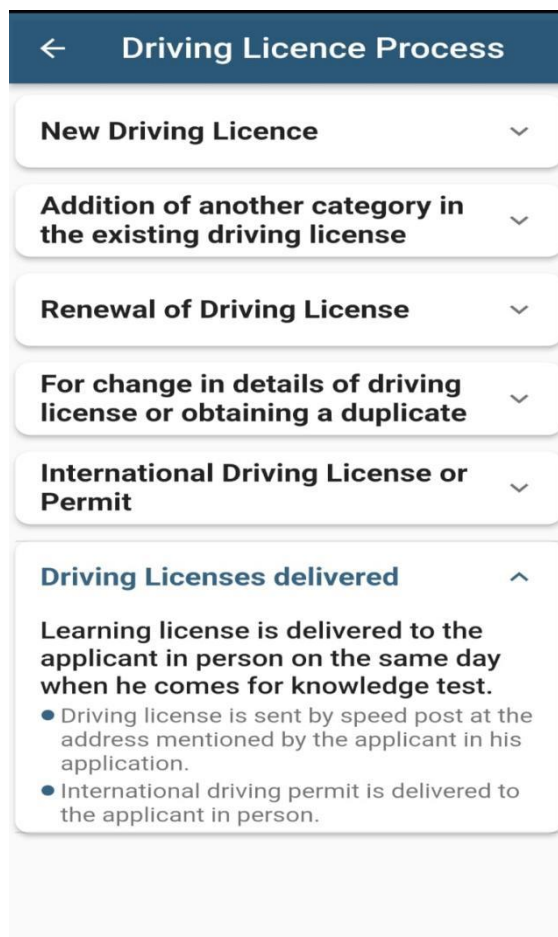


Figure 3.2-1 Screen-2: Driving License Procedure

**Purpose:** This module in user are read all the license procedure and which procedure user want to read all step then click on the procedure name.

Table 3.2-1 Screen element of Driving License Procedure

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			Back from this page
2	Procedure Name	Dropdown	O	N	All license related procedure show in the page

### 3.3 Screen-3 RTO Code & office

Figure 3.3-1 Screen-3: RTO Code & office

**Purpose:** This module use for check RTO office details and RTO code. First of all user select the state and after select their state city and show that city RTO office detail

Table 3.3-1 Screen element of RTO Code & office

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			Back from this page
2	State Name	Dropdown	O	N	Show all state name which state user select those city are display and which city select those RTO office detail show



### 3.4 Screen-3 Home Page

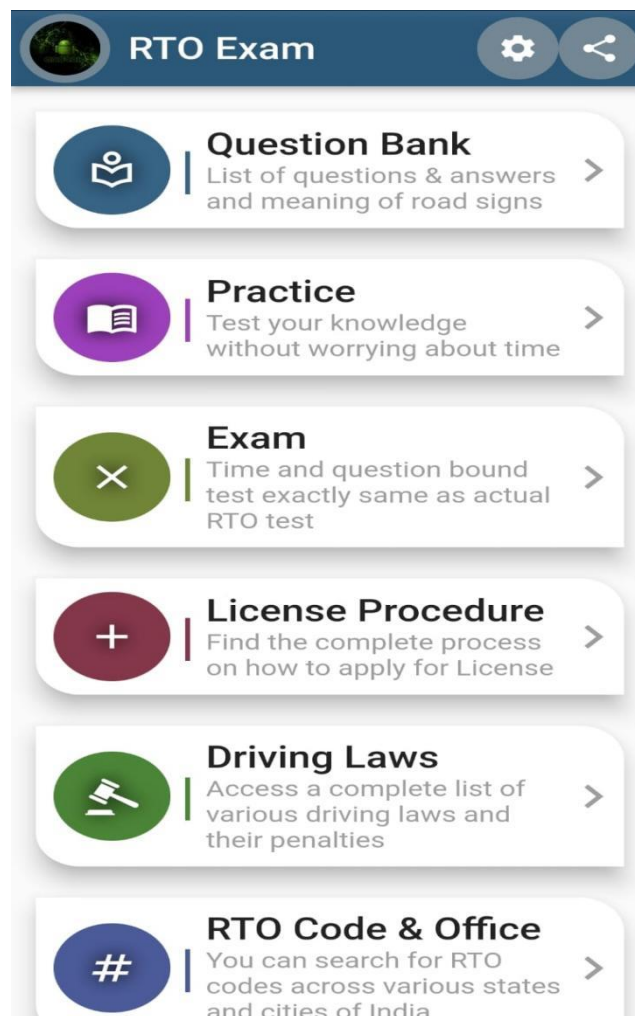


Figure 3.4-1 Screen-4: Home Page

**Purpose:** This is a use for choose different functionality in this app it is a home screen of this app.

Table 3.4-1 Screen element of Home Page

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Setting	Button			On-click to redirect on setting page and you change to state and language
2	Share	Button			On-click to share this app link via, whatsapp,bluetooth,etc.
3	Menu	Button			On-click to redirect to those care page and use those functionality

### 3.5 Screen-5 Practice

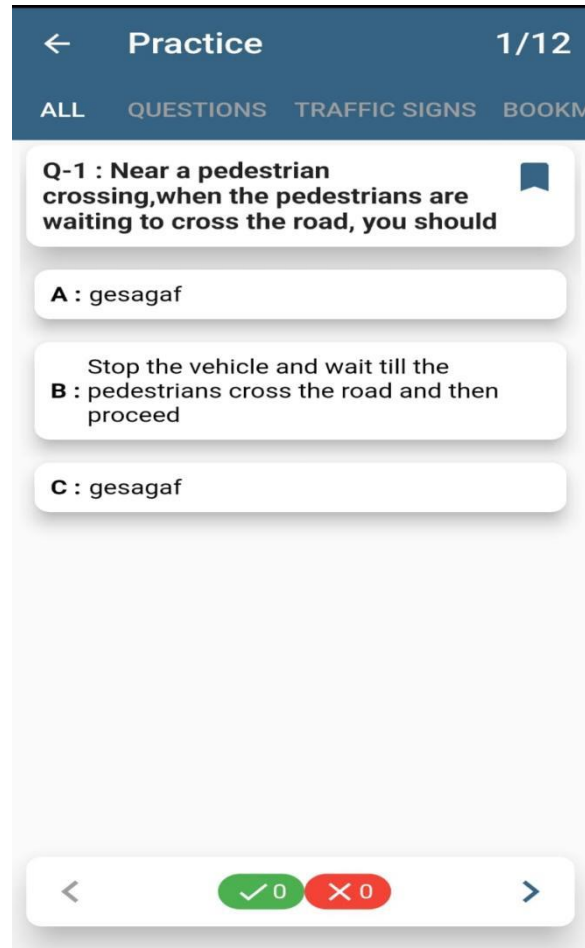


Figure 3.5-1 Screen-5: Practice

**Purpose:** it is a practice of question answer this is not a exam but this is practice test in the test you choose one option then show answer at a time

Table 3.5-1 Screen element of Practice

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			Back from this page
2	Question Type	Button			Which type you want to read question and classification of question
3	Question	Textbox			This is Question
4	Option	Button	M	1	You are select any one question for answer
5	Result	Textbox			Show result

### 3.6 Screen-6 FAQ

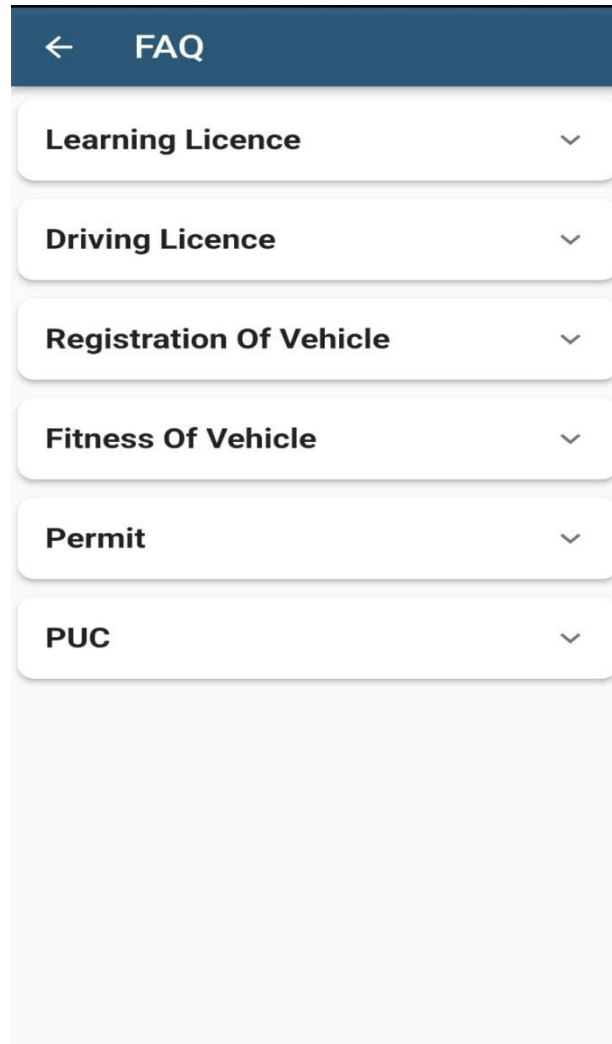


Figure 3.6-1 Screen-6: FAQ

**Purpose:** this screen include a procedure of some document of the vehicle. You choose any one for more detail.

Table 3.6-1 Screen element of FAQ

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			Back from this page
2	FAQ Name	Dropdown	O	N	That is different process information which process read want to you those process on click then show whole information

### 3.7 Screen-7 Driving Laws

← Driving Laws	
Offences	Penalty
Driving without a Valid Licence	Rs.500/-
Not carrying documents as required	Rs.100/-
Driving without Valid Insurance	Rs.1000/-
Driving without Valid Permit	Rs.5000/-
Driving without Valid Fitness	Rs.5000/-
Vehicle without R.C.	Rs.2000/-
Use of Offensive Number Plate for vehicle used in driving	Rs.100/-
Disobeying Traffic Police Officer in	Rs.100/-
Driving against Police Signal	Rs.100/-

Figure 3.7-1 Screen-7: Driving Laws

**Purpose:** In this screen show offence and that offence for a penalty for driving laws

Table 3.7-1 Screen element of Driving Laws

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			Back from this page
2	Offence	Textbox			Offence side all card in name of offence
3	Penalty	Textbox			Penalty side all card in penalty for left side offence

### 3.8 Screen-8 Question Bank

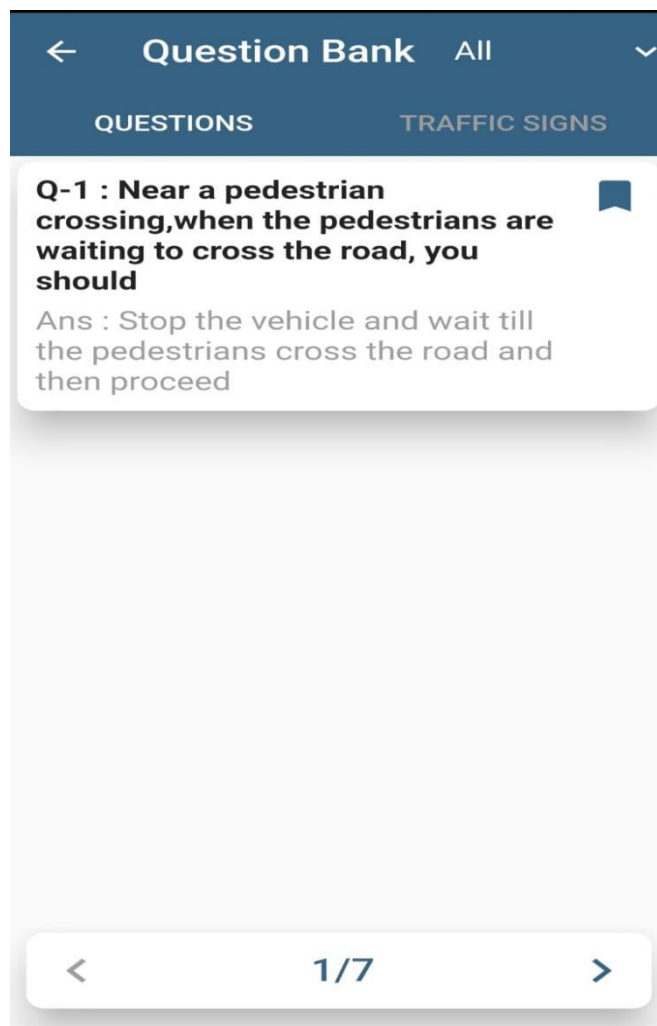


Figure 3.8-1 Screen-8: Question Bank

**Purpose:** in this screen you read question answer if you want to read only traffic sign read then tick traffic sign read then tick traffic sign and all question is related to traffic sign

Table 3.8-1 Screen element of Question Bank

Sr.	Screen Element	Input Type	O/M	1/N	Description
1	Back Arrow	Button			Back from this page
2	All	Dropdown			Choose you want to those type question you want to read
3	Question	Select			Choose type of question
4	Card	Textbox			Read the question answer
5	Arrow	Button			Change the question prevuos and next

## 4 Database Design

### 4.1 List Of Tables

- Question
- Licence Process
- Driving Law
- RTO Office
- Statistics
- Admin
- User

Table 4.1-1 Table: Question

Column	Data Type	Null	Keys & Constrains	Default Value & Description
QuestionID	int	NN	PK (Auto Increment)	
Question	varchar(100)	NN		
Answer	varchar(100)	NN		
Option_A	varchar(100)	NN		
Option_B	varchar(100)	NN		
Option_C	varchar(100)	NN		

Table 4.1-2 Table: Licence Process

Column	Data Type	Null	Keys & Constrains	Default Value & Description
ProcessID	int	NN	PK (Auto Increment)	
ProcessName	varchar(100)	NN		
ProcessStep	varchar(500)	NN		

Table 4.1-3 Table: Driving Law

Column	Data Type	Null	Keys & Constrains	Default Value & Description
OffenceID	int	NN	PK (Auto Increment)	
Offence	varchar(100)	NN		
Penalty	varchar(20)	NN		
Law-No	varchar(100)	NN		

Table 4.1-4 Table: RTO Office

Column	Data Type	Null	Keys & Constrains	Default Value & Description
StatelD	int	NN	PK (Auto Increment)	
CityID	Int	NN		
RTOCode	varchar(10)	NN		
Address	Varchar(500)	NN		
Contact	number(10,0)	AN		

Table 4.1-5 Statistic

Column	Data Type	Null	Keys & Constrains	Default Value & Description
StatisticID	int	NN	PK (Auto Increment)	
StatisticsName	varchar(100)	NN		
Data	varchar(100)	NN		

Table 4.1-6 Admin

Column	Data Type	Null	Keys & Constrains	Default Value & Description
AdminID	int	NN	PK (Auto Increment)	
AdminName	varchar(100)	NN		
AdminEmail	Varchar(50)	NN		
Contact	Number(10,0)	AN		
Password	Varchar(50)	NN		

Table 4.1-7 User

Column	Data Type	Null	Keys & Constrains	Default Value & Description
UserID	int	NN	PK (Auto Increment)	
UserName	varchar(100)	NN		
UserEmail	Varchar(50)	AN		
Contact	Number(10,0)	AN		
Password	Varchar(50)	NN		

## 5 Story & Scenario

### 5.1 Story-1: Read RTO Office Detail

<b>Story # S1</b>	:	<b>As a user,</b> <b>I want to</b> read RTO office code and other detail, <b>So that a</b> true information for RTU office of particular city.
<b>Priority</b>	:	Medium
<b>Estimate</b>	:	xL
<b>Reason</b>	:	The development of a RTO Detail page is an important and crucial task in the RTO Driving Practice Test System.

#### 5.1.1 Scenario# S1.1

Scenario# S1.1	:	Retrieve RTO Office Code and Details for a City															
Prerequisite	:	Internet connection required															
Acceptance Criteria	:	<p><b>Given:</b> the user wants to find information about an RTO office.</p> <p><b>When:</b> the user provides the name of a city, "City Name".</p> <p><b>Then:</b> the system should look up the RTO office details for "City Name"</p> <p>And the system should provide the following information:</p> <table><tr><td>  RTO Office Code</td><td>  RTO Office Name</td><td>  City</td><td>  State</td><td> </td></tr><tr><td>  ABC-123</td><td>  Sample RTO Office 1</td><td>  CityName</td><td>  StateName</td><td> </td></tr><tr><td>  XYZ-789</td><td>  Sample RTO Office 2</td><td>  AnotherCity</td><td>  AnotherState</td><td> </td></tr></table> <p>And the system should display a message indicating the search was successful</p>	RTO Office Code	RTO Office Name	City	State		ABC-123	Sample RTO Office 1	CityName	StateName		XYZ-789	Sample RTO Office 2	AnotherCity	AnotherState	
RTO Office Code	RTO Office Name	City	State														
ABC-123	Sample RTO Office 1	CityName	StateName														
XYZ-789	Sample RTO Office 2	AnotherCity	AnotherState														

#### 5.1.2 Scenario# S1.2

<b>Scenario# S1.2</b>	:	<b>Search for RTO Office Information with Invalid City</b>
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user wants to find information about an RTO office. <b>When:</b> the user provides an invalid city name, "InvalidCity". <b>Then</b> the system should notify the user that the city "InvalidCity" is not found And the system should not display any RTO office details.

#### 5.1.3 Scenario# S1.3

<b>Scenario# S1.3</b>	:	<b>Retrieve Multiple RTO Offices for a City.</b>												
<b>Prerequisite</b>	:	Internet connection required												
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user wants to find information about RTO offices in a city And the user provides the name of a city, "CityName". <b>When:</b> the system looks up the RTO offices in "CityName" <b>Then :</b> the system should provide a list of RTO offices in "CityName" And the system should display the following RTO office information: <table border="1"> <tr> <td>RTO Office Code</td><td>RTO Office Name</td><td>CityName</td></tr> <tr> <td>ABC-123</td><td>Sample RTO Office 1</td><td>CityName</td></tr> <tr> <td>XYZ-789</td><td>Another Sample RTO Office</td><td>CityName</td></tr> <tr> <td>DEF-456</td><td>Yet Another RTO Office</td><td>CityName</td></tr> </table> And the system should indicate the total number of RTO offices found: 3	RTO Office Code	RTO Office Name	CityName	ABC-123	Sample RTO Office 1	CityName	XYZ-789	Another Sample RTO Office	CityName	DEF-456	Yet Another RTO Office	CityName
RTO Office Code	RTO Office Name	CityName												
ABC-123	Sample RTO Office 1	CityName												
XYZ-789	Another Sample RTO Office	CityName												
DEF-456	Yet Another RTO Office	CityName												



## 5.2 Story-2: Demo Exam

<b>Story # S2</b>	:	<b>As a user,</b> <b>I want to</b> give exam to like a RTO test exam <b>So that</b> I Want all thing is like a real exam.
<b>Priority</b>	:	High
<b>Estimate</b>	:	XXL
<b>Reason</b>	:	Development of the Exam page is an important and main part of this project. In this page developer should all things to take test

### 5.2.1 Scenario# S2.1

<b>Scenario# S2.1</b>	:	Start and Complete an RTO Test Exam
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user wants to take an RTO test exam <b>When:</b> the user begins the exam <b>Then</b> the system should present the first exam question And the user should select an answer to the question When the user submits the answer Then the system should present the next exam question And this process should continue until all questions are answered When the user answers the last question and submits it Then the system should end the exam And the user should receive a score and feedback And the system should provide an option to review the exam results

### 5.2.2 Scenario# S2.2

<b>Scenario# S2.2</b>	:	Review Exam Results
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user has completed an RTO test exam And the user wants to review the exam results. <b>When:</b> the user selects the option to review the exam results. <b>Then</b> the system should display a summary of the exam And the user should see their score and pass/fail status And the user should be able to review each question and their answers And the user should see correct answers for each question And the system should provide feedback on incorrect answers

### 5.2.3 Scenario# S2.3

<b>Scenario# S2.3</b>	:	Take an RTO Test Exam with a Time Limit
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user wants to take an RTO test exam And the user has a limited time of 60 minutes for the exam <b>When:</b> the user begins the exam. <b>Then :</b> the system should start a timer for 30 minutes And the user should be presented with the first exam question And the user should be able to answer questions within the time limit When 60 minutes elapse Then the system should automatically end the exam And the user should receive a message indicating the time limit has been reached And the user should see their score and feedback based on answered questions

## 5.3 Story-3: Select State and Language

<b>Story # S3</b>	:	<b>As a user,</b> <b>I want</b> to change my state or language, <b>So that</b> I want read only those particular state question and test
<b>Priority</b>	:	High
<b>Estimate</b>	:	L
<b>Reason</b>	:	State selection page is also need for user because all state having different question so this page is more required and take care about calling API.

### 5.3.1 Scenario# S3.1

<b>Scenario# S3.1</b>	:	Change State and Language Preferences
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user wants to access questions and tests specific to a particular state. <b>When:</b> the user accesses their account settings And the user selects a new state preference, "NewState" And the user selects a new language preference, "NewLanguage". <b>Then</b> the system should update the user's preferences to "NewState" and "NewLanguage" And the user should see a confirmation message of the preferences update.

### 5.3.2 Scenario# S3.2

<b>Scenario# S3.2</b>	:	<b>Access Questions and Tests for the Selected State</b>
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user has changed their state preference to "NewState" And the user has changed their language preference to "NewLanguage". <b>When:</b> the user navigates to the questions and tests section. <b>Then</b> the system should display questions and tests specific to "NewState" And the content should be in "NewLanguage" And the user can start accessing and answering questions for "NewState"

### 5.3.3 Scenario# S3.3

<b>Scenario# S3.3</b>	:	<b>Change State Preference</b>
<b>Prerequisite</b>	:	Internet connection required
<b>Acceptance Criteria</b>	:	<b>Given:</b> the user wants to access questions and tests specific to a different state. <b>When:</b> the user accesses their account settings And the user selects a new state preference, "Texas". <b>Then</b> :the system should update the user's state preference to "Texas" And the user should see a confirmation message of the state preference update.

## 5.4 Story-4: Add Question

<b>Story # S4</b>	:	<b>As a admin,</b> <b>I want</b> to add or edit question in API , <b>So that</b> I need one type of format for add or edit question.
<b>Priority</b>	:	High
<b>Estimate</b>	:	XL
<b>Reason</b>	:	This page is important and take care about which API database table affect to new changes.

## 5.5 Story-5: Statistics

<b>Story # S5</b>	:	<b>As a user,</b> <b>I want</b> to show all the number of vehicle , Road Accidents,Driving License, <b>So that</b> I need number of all figure.
<b>Priority</b>	:	Low
<b>Estimate</b>	:	XS
<b>Reason</b>	:	Statistics is not important for this project and number of figure for all is a information base that not more Affiance.

## 5.6 Story-6: License Procedure

<b>Story # S6</b>	:	<b>As a user,</b> <b>I want</b> to show step of the applying for the Licence , <b>So that</b> All Procedure having a all step from the beginning.
<b>Priority</b>	:	Low
<b>Estimate</b>	:	S
<b>Reason</b>	:	License Procedure is not important for this project and all step is a procedure

## 5.7 Story-7: Driving Laws

<b>Story # S7</b>	:	<b>As a user,</b> <b>I want</b> to show all laws of Driving, <b>So that</b> I required all Laws and those laws penalty I found easily in page.
<b>Priority</b>	:	Medium
<b>Estimate</b>	:	S
<b>Reason</b>	:	Because this page is like theory base page in this page not any sensitive information.

## 5.8 Story-8: Question Bank

<b>Story # S8</b>	:	<b>As a user,</b> <b>I want</b> to read all the question for the preparing examination, <b>So that</b> I need question and answer in one page.
<b>Priority</b>	:	High
<b>Estimate</b>	:	M
<b>Reason</b>	:	This Page is most Required for the application because its main part of this project.

## 5.9 Story-9: Practice Test

<b>Story # S9</b>	:	<b>As a user,</b> <b>I want</b> practice for the question bank question, <b>So that</b> I need all question having three option and when I choose the show me selected option is correct or not.
<b>Priority</b>	:	High
<b>Estimate</b>	:	M
<b>Reason</b>	:	This Page is most Required for the application because its main part of this project.

## 5.10 Story-10: FAQ

<b>Story # S10</b>	:	<b>As a user,</b> <b>I want</b> to about more information for vehical , <b>So that</b> I need all rule and why those required for driving .
<b>Priority</b>	:	Low
<b>Estimate</b>	:	S
<b>Reason</b>	:	This is not much important for the application.

## 6 Test Cases

<b>Project Name:</b>	<b>RTO Learning License Test</b>	<b>Test Designed by:</b>	<b>K.K.K.</b>
<b>Module Name:</b>	<b>Exam</b>	<b>Test Designed date:</b>	26/08/2023
<b>Release Version:</b>	<b>1.0</b>	<b>Test Executed by:</b>	<b>K.K.K.</b>
		<b>Test Execution date:</b>	26/08/2023
<b>Pre-condition</b>	internet connection should be required		
<b>Test Case ID</b>	<b>Test Title</b>	<b>Test Type</b>	<b>Description</b>
TC_001	Choose Right Answer and click next question	Functional	Exam in i choose Right answer and then i clicked to next question
TC_002	Choose Wrong Answer and click next question	Functional	Exam in i choose Wrong answer and then i clicked to next question
TC_003	click next question without choose answer	Functional	Exam in i without choose any answer and then i clicked to next question

<b>Project Name:</b>	<b>RTO Learning License Test</b>	<b>Test Designed by:</b>	<b>K.K.K.</b>
<b>Module Name:</b>	<b>License Procedure</b>	<b>Test Designed date:</b>	26/08/2023
<b>Release Version:</b>	<b>1.0</b>	<b>Test Executed by:</b>	<b>K.K.K.</b>
		<b>Test Execution date:</b>	26/08/2023
<b>Pre-condition</b>	internet connection should be required		
<b>Test Case ID</b>	<b>Test Title</b>	<b>Test Type</b>	<b>Description</b>
TC_004	Click On any Procedure Name	Functional	Procedure Name on click when show or not that procedure step
TC_005	Click On Back Arrow	Functional	when click on back array then i back to home page or not
TC_006	Varify All Procedure Step and Name	GUI	varify that all Procedure Step are Right

<b>Project Name:</b>	<b>RTO Learning License Test</b>	<b>Test Designed by:</b>	<b>K.K.K.</b>
<b>Module Name:</b>	<b>RTO Code &amp; Office</b>	<b>Test Designed date:</b>	26/08/2023
<b>Release Version:</b>	<b>1.0</b>	<b>Test Executed by:</b>	<b>K.K.K.</b>
		<b>Test Execution date:</b>	26/08/2023
<b>Pre-condition</b>	internet connection should be required		
<b>Test Case ID</b>	<b>Test Title</b>	<b>Test Type</b>	<b>Description</b>
TC_007	Select State	Functional	Given State in choose one state
TC_008	Select City	Functional	Given City in choose one City
TC_009	Show Detail of RTO Office	GUI	varify the RTO office details

# R.T.O. Learning License Practise Test

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	Exam	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_001	Test Execution date:	26/08/2023

Test Case Title	Choose Right Answer and click next question
Test Type	Functional
Test Priority	High
Pre-condition	internet should be required

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Choose Right Answer	background change which i choose	background change which i choose	pass			
2	click to next question	change my question and update count of right question	change my question and update count of right question	pass			
3	click without choose	alert genret	show one pop-up ask to me choose any one option	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	Exam	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_002	Test Execution date:	26/08/2023

Test Case Title	Choose Wrong Answer and click next question
Test Type	Functional
Test Priority	Medium
Pre-condition	internet should be required

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	Choose Wrong Answer	background change which i	background change which i	pass			
2	click to next question	change my question and update count of Wrong question	change my question and update count of Wrong question	pass			
3	time out and you not choose any option	next question and prevish question is false	go to next question and prevish question is wrong	pass			



Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	Exam	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_003	Test Execution date:	26/08/2023

Test Case Title	click next question without choose answer
Test Type	Functional
Test Priority	High
Pre-condition	internet should be required

Test Step	Test Case Description	Expected Result	Actual Result	Status	Com ment	Data	Bug ID
1	without choose any option i clicked on	not show next question	one pop-up notice	pass			
2	Verify that a user can click the "Next Question" button without choosing an answer for a multiple-choice question that allows multiple selections.	The quiz application should allow the user to proceed to the next question without displaying an error or blocking the action when no answers are chosen for multiple-choice questions that allow multiple selections.	i not select multipu l options	pass			
3	Verify that a user can click the "Next Question" button without choosing an answer for a multiple-choice question	The quiz application should allow the user to proceed to the next question without displaying an error or blocking the action when no answer is chosen.	i not select multipu l options	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	License Procedure	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_004	Test Execution date:	26/08/2023

Test Case Title	Click On any Procedure Name
Test Type	Functional
Test Priority	High
Pre-condition	internet should be required

Test Step	Test Case Description	Expected Result	Actual Result	Status	Comment	Data	Bug ID
1	click on procedur name	show step for that procedure	card extend and show all	pass			
2	Verify the application's behavior when clicking on a procedure name that does not exist in the database	The application should handle the error gracefully, such as by displaying a user-friendly error message, rather than crashing or displaying a generic error page	The application should handle the error gracefully, such as by displaying a user-friendly error message, rather than crashing or displaying a generic error page	pass			
3	Verify the application's behavior when a user with insufficient permissions attempts to click on a procedure name.	The application should restrict access to the procedure details page and display an appropriate access denied or permission error message to the user.	The application should restrict access to the procedure details page and display an appropriate access denied or permission error message to the user.	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	License Procedure	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_005	Test Execution date:	26/08/2023

Test Case Title	Click On Back Arrow
Test Type	Functional
Test Priority	Medium
Pre-condition	internet should be required

Test Step	Test Case Description	Expected Result	Actual Result	Status	Com ment	Data	Bug ID
1	click on back arrow	back to home page	back on home page	pass			
2	Click on Back Arrow on the First Page - No Navigation	Clicking the back arrow on the first page should not cause any navigation, and the application should remain on the same page or screen	Clicking the back arrow on the first page should not cause any navigation, and the application should remain on the same page or screen	pass			
3	Click on Back Arrow During a Multi-Step Process	Clicking the back arrow button should take the user back to the previous step or screen within the multi-step process. The application should correctly maintain the user's progress and data entered up to that point.	Clicking the back arrow button should take the user back to the previous step or screen within the multi-step process. The application should correctly maintain the user's progress and data entered up to that point.	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	License Procedure	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_006	Test Execution date:	26/08/2023

Test Case Title	Verify All Procedure Step and
Test Type	GUI
Test Priority	Medium
Pre-condition	internet connection should be

Test Step	Test Case Description	Expected Result	Actual Result	Status	Com ment	Data	Bug ID
1	check all procedure name and step	all information are valid	some information	fail	chec k all		Bug_001
2	Verify Procedure Name Clickability - Navigational Test	Clicking on each procedure name should navigate the user to the respective procedure details page without any errors, and the details should match the procedure's information.	Clicking on each procedure name should navigate the user to the respective procedure details page without any errors, and the details should match the procedure's information.	pass			
3	Verify Missing Procedure Steps or Names - Data Integrity Test	There should be no missing procedure steps or names. All expected data should be present, and any discrepancies should be investigated and resolved to ensure data integrity.	There should be no missing procedure steps or names. All expected data should be present, and any discrepancies should be investigated and resolved to ensure data integrity.	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	RTO Code & Office	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_007	Test Execution date:	26/08/2023

Test Case Title	Select State
Test Type	Functional
Test Priority	Medium
Pre-condition	internet connection should be

Test Step	Test Case Description	Expected Result	Actual Result	Status	Com ment	Data	Bug ID
1	list of state name i select one state	display all city of state	display all city of state	pass			
2	Select State - Invalid Selection Handling	The application should provide appropriate feedback to the user, such as displaying an error message or preventing the selection of unsupported states. It should not allow the selection of states not present in the list.	The application should provide appropriate feedback to the user, such as displaying an error message or preventing the selection of unsupported states. It should not allow the selection of states not present in the list.	pass			
3	Select State - Clear Selection	The selected state should be cleared or deselected, and the field or dropdown should return to its default or empty state. The application should update its state storage accordingly.	The selected state should be cleared or deselected, and the field or dropdown should return to its default or empty state. The application should update its state storage accordingly.	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	RTO Code & Office	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_008	Test Execution date:	26/08/2023

Test Case Title	Select City
Test Type	Functional
Test Priority	Medium
Pre-condition	internet connection should be

Test Step	Test Case Description	Expected Result	Actual Result	Status	Com ment	Data	Bug ID
1	list of city name i select one city	display all R.T.O. detail of city	display all R.T.O. detail of	pass			
2	Select City - Invalid Selection Handling	The application should provide appropriate feedback to the user, such as displaying an error message or preventing the selection of unsupported cities. It should not allow the selection of cities not present in the list.	The application should provide appropriate feedback to the user, such as displaying an error message or preventing the selection of unsupported cities. It should not allow the selection of cities not present in the list.	pass			
3	Select City - Clear Selection	The selected city should be cleared or deselected, and the field or dropdown should return to its default or empty state. The application should update its city selection accordingly.	The selected city should be cleared or deselected, and the field or dropdown should return to its default or empty state. The application should update its city selection accordingly.	pass			

Project Name:	RTO Learning License Test	Test Designed by:	K.K.K.
Module Name:	RTO Code & Office	Test Designed date:	26/08/2023
Release Version:	1.0	Test Executed by:	K.K.K.
Test Case ID	TC_009	Test Execution date:	26/08/2023

Test Case Title	Show Detail of RTO Office
Test Type	GUI
Test Priority	High
Pre-condition	internet connection should be

Test Step	Test Case Description	Expected Result	Actual Result	Status	Com ment	Data	Bug ID
1	show R.T.O. detail of selected city	all info like address,	all info are display	pass	when click		
2	Verify the application's behavior when a user attempts to view the details of an RTO office that does not exist or is not available.	The application should handle the scenario gracefully, such as by displaying a user-friendly error message indicating that the selected RTO office is not found or is unavailable.	The application should handle the scenario gracefully, such as by displaying a user-friendly error message indicating that the selected RTO office is not found or is unavailable.	pass			
3	Verify that the application correctly enforces access permissions when a user attempts to view the details of an RTO office, especially in cases where certain users may not have permission to access specific RTO offices.	The application should restrict access to RTO office details based on user permissions. Users with sufficient permissions should be able to view the details, while users with limited permissions should be denied access and see an appropriate access denied message.	The application should restrict access to RTO office details based on user permissions. Users with sufficient permissions should be able to view the details, while users with limited permissions should be denied access and see an appropriate access denied message.	pass			

# R.T.O. Learning License Practise Test

Project Name:	RTO Learning License Test	Bug Report Design By:	K.K.K.
Module Name:	Exam	Bug Report Design Date:	26/08/2023
Release Version:	1.0	Bug Solve By	K.K.K.
		Bug Solve Date	26/08/2023

Bug ID	Test Case ID	Entity Title	Steps to reproduce	Priority	Status	Comment

Project Name:	RTO Learning License Test	Bug Report Design By:	K.K.K.
Module Name:	License Procedure	Bug Report Design Date:	26/08/2023
Release Version:	1.0	Bug Solve By	K.K.K.
		Bug Solve	26/08/2023

Bug ID	Test Case ID	Entity Title	Steps to reproduce	Priority	Status	Comment
Bug_001	TC_006	Forgot Password link is not working	1. Access web application login page 2. Click on Forgot Password link	P2	Solved	



Project Name:	RTO Learning License Test	Bug Report Design By:	K.K.K.
Module Name:	RTO Code & Office	Bug Report Design Date:	26/08/2023
Release Version:	1.0	Bug Solve By	K.K.K.
		Bug Solve	26/08/2023

Bug ID	Test Case ID	Entity Title	Steps to reproduce	Priority	Status	Comment