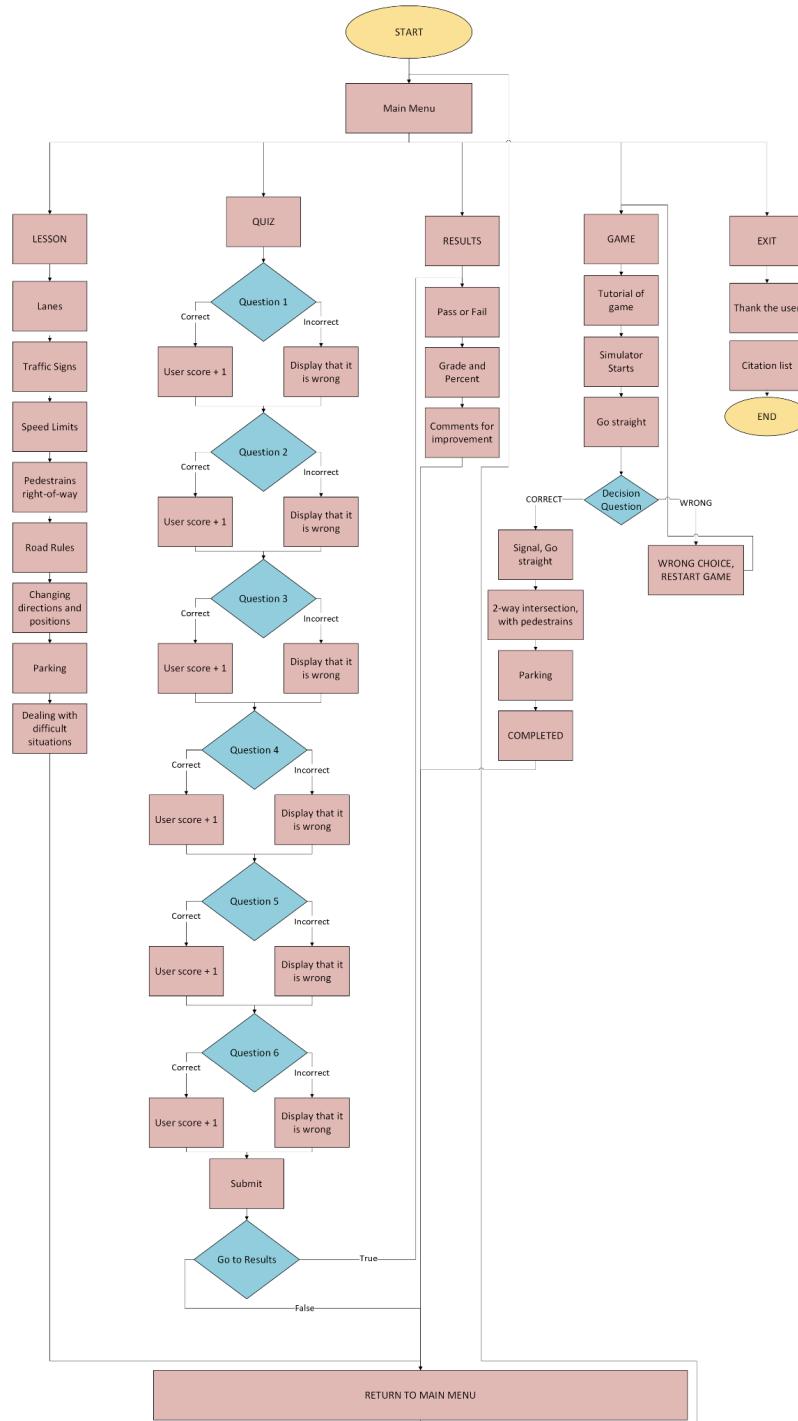


# Architectural Design Of Pygame Project

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[Flowchart link](#)



## **Start Button**

- Takes the user to the Main Menu
- Displays all available options

## **Option 1: LESSON**

- Opens the lesson section
- Covers the following topics:
  - Lanes
  - Traffic signs
  - Speed limits
  - Pedestrians' right-of-way
  - Road rules
  - Changing directions and positioning
  - Parking
  - Dealing with difficult situations
- Returns the user to the Main Menu after completion

## **Option 2: QUIZ**

- Presents 6 questions one at a time
- For each question:
  - Correct answer adds +1 to the user's score
  - An incorrect answer displays a message indicating it is wrong
- Requires the user to press Submit after Question 6
- Sends the user to the Results page
- Allows the user to return to the Main Menu

## **Option 3: RESULTS**

- Displays Pass or Fail status
- Shows grade and percentage
- Provides comments for improvement
- Returns the user to the Main Menu after viewing

## **Option 4: GAME**

- Launches the driving simulator
- Simulator starts automatically
- Includes the following scenarios:
  - Tutorial of game
  - Go straight
  - Decision question

- Wrong choice restarts the game
- The correct choice allows progression
- Signal: go straight
- Two-way intersection with pedestrians
- Parking
- Marks the game as completed
- Returns the user to the Main Menu

#### **Option 5: EXIT**

- Displays a thank-you message
- Redirects the user to the citation list
- Ends the program