

Requirement & Design Specification

**TrafficViolationApp (TVA)**

**Version: 1.0**

**HE187315 – Nguyễn Bá Lực**

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# I. Overview

The TrafficViolationApp project is a desktop application designed for managing traffic violations effectively. The project is developed using Microsoft Visual Studio technology, leveraging Windows Presentation Foundation (WPF) and Entity Framework, with data managed by a Microsoft SQL Server database system. The application was created to optimize traffic violation reporting and processing capabilities, providing a user-friendly platform for both citizens and traffic police to streamline their tasks and enhance transparency in traffic management.

## 1. User Requirements

### 1.1 Actors

|  |  |  |
| --- | --- | --- |
| **#** | **Actor** | **Description** |
| 1 | Citizen | Can report traffic violations, view notifications, manage their vehicles, and view violation details. Includes functionalities like submitting reports and checking personal vehicle status. |
| 2 | TrafficPolice | Has permissions to manage reports, vehicles, and user lists, including approving/rejecting reports, adding/deleting vehicles, viewing processed report history, and searching/filtering data. |

### 1.2 Use Cases

#### a. Diagram(s)

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#### b. Descriptions

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Feature** | **Use Case** | **Use Case Description** |
| 01 | Citizen | Submit Violation Report | Allows a Citizen to submit a traffic violation report with details such as plate number, violation type, description, and location. |
| 02 | View notification | Enables a Citizen to view notifications about their submitted reports, vehicle updates, or fine payments. |
| 03 | View my vehicle | Allows a Citizen to view the list of their registered vehicles, including details like plate number, brand, and model. |
| 04 | View violation details | Permits a Citizen to view details of violations associated with their vehicles, including fine amount and payment status. |
| 05 | Pay Fine | Allows a Citizen to pay fines for their traffic violations, updating the violation status to "Paid" and receiving a confirmation notification. |
| 06 | TrafficPolice | Process Report | Enables a TrafficPolice to approve or reject violation reports submitted by Citizens, creating a violation record if approved. |
| 07 | Manage Vehicles | Permits a TrafficPolice to add or delete vehicles in the system, including details like plate number, owner ID, brand, and model. |
| 08 | View Notification | Allows a TrafficPolice to view notifications about report updates, vehicle changes, or system alerts. |
| 09 | View User List | Enables a TrafficPolice to view the list of all users in the system, including their details like name, email, and role. |
| 10 | View Processed Reports | Permits a TrafficPolice to view the history of reports they have processed, including details like plate number, violation type, and status. |
| 11 | View My Vehicle | Allows a TrafficPolice to view the list of their registered vehicles, including details like plate number, brand, and model. |
| 12 | View Violation Details | Permits a TrafficPolice to view details of violations associated with their vehicles, including fine amount and payment status. |
| 13 | Both (Citizen & TrafficPolice) | Login/Logout | Allows both Citizen and TrafficPolice to securely log in to the system using email/password or OTP, and log out when done. |
| 14 | Forgot Password | Enables both Citizen and TrafficPolice to reset their password by receiving an OTP via email and entering a new password. |

## 2. Overall Functionalities

### 2.1 Screens Flow

A diagram of a company

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### 2.2 Screen Descriptions

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Feature** | **Screen** | **Description** |
| 1 | Citizen Login | Log in | Citizen logs in with the designated account using email/password or OTP. |
| 2 | Citizen Management | Home | Citizen screen after logging in (ReportView). |
| 3 | Violation Report | Submit Report | Citizen can submit traffic violation reports on the report page. |
| 4 | Notification Management | Notification | Citizen can view notifications on the notification page. |
| 5 | Vehicle Management | My Vehicles | Citizen can view their vehicles and violation details on the my vehicles page. |
| 6 | Admin Login | Login | Admin logs in with the designated account |
| 7 | Fine Management | My violations | Citizen can pay fines for violations on the my violation page. |
| 8 | TrafficPolice Login | Login | TrafficPolice logs in with the designated account using email/password or OTP. |
| 9 | TrafficPolice Management | Home | TrafficPolice screen after logging in (DashboardView). |
| 10 | Report Management | Report | TrafficPolice can approve or reject reports on the report page. |
| 11 | Vehicle Management | Manage Vehicles | TrafficPolice can add or delete vehicles on the manage vehicles page. |
| 12 | User Management | User List | TrafficPolice can view all users on the user list page. |
| 13 | Notification Management | Notification | TrafficPolice can view notifications on the notification page. |
| 14 | Processed Report Management | Processed Reports | TrafficPolice can view processed reports on the processed reports page. |
| 15 | Vehicle Management | My Vehicles | TrafficPolice can view their vehicles and violation details on the my vehicles page. |

### 2.3 Screen Authorization

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Screen** | **Citizen** | **TrafficPolice** |
| 1 | Log in | X | X |
| 2 | Register |  |  |
| 3 | ForgotPassword | X | X |
| 4 | Main (Citizen) | X |  |
| 5 | Submit Report | X |  |
| 6 | View Notifications | X | X |
| 7 | View My Vehicles | X | X |
| 8 | Main (TrafficPolice) |  | X |
| 9 | Manage Vehicles |  | X |
| 10 | View User List |  | X |
| 11 | View Processed Reports |  | X |

### System High Level Design

### 3.1 Database Design

#### Database Schema

A screenshot of a computer

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#### b. Table Descriptions

| **No** | **Table** | **Description** |
| --- | --- | --- |
| 01 | Users | - Manages user accounts with fields for UserID, FullName, Email, Password, Role, Phone, Address.  - Primary key: UserID |
| 02 | Vehicles | - Stores vehicle information with fields for VehicleID, PlateNumber, OwnerID, Brand, Model, ManufactureYear.  - Primary key: VehicleID |
| 03 | Reports | - Manages violation reports with fields for ReportID, ReporterID, ViolationType, Description, PlateNumber, ImageURL, VideoURL, Location, ReportDate, Status, ProcessedBy.  - Primary key: ReportID |
| 04 | Violations | - Stores violation records with fields for ViolationID, ReportID, PlateNumber, ViolatorID, FineAmount, FineDate, PaidStatus.  - Primary key: ViolationID |
| 05 | Notifications | - Manages notifications with fields for NotificationID, UserID, Message, PlateNumber, SentDate, IsRead.  - Primary key: NotificationID |

4. Class diagram,

*4.1. Class diagram*

*A diagram of a computer

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# II. Requirement Specifications (OPTIONAL)

## 1. Common Functions

### 1.1 UC-1\_ User Login

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC-1\_ User Login | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | User (Citizen/TrafficPolice) | Secondary Actors: |  |
| Description: | This use case describes the authentication process for users by verifying their email and password or using an OTP sent via email. | | |
| Trigger: | User attempts to log in. | | |
| Preconditions: | PRE-1: User has an existing account in the system. | | |
| Postconditions: | * POST-1: User is logged into the system and redirected to their respective main screen (ReportView for Citizen, DashboardView for TrafficPolice). | | |
| Normal Flow: | 1. User opens the application and is directed to the Login screen. 2. User enters their email and password. 3. System verifies the credentials against the database. 4. If credentials are valid, the system logs the user in and redirects them to their main screen based on their role (Citizen or TrafficPolice). 5. If credentials are invalid, the system displays an error message: "Invalid email or password." | | |
| Alternative Flows: | AF-1: User clicks "Forgot Password":   1. User is redirected to the ForgotPassword screen. 2. User enters their email to receive an OTP. 3. System sends an OTP to the user's email. 4. User enters the OTP and a new password, then clicks "Reset Password." 5. System updates the password and redirects the user back to the Login screen.   AF-2: User clicks "Login with OTP":   1. User enters their email and clicks "Send OTP." 2. System sends an OTP to the user's email. 3. User enters the OTP and clicks "Login." 4. If the OTP is valid, the system logs the user in and redirects them to their main screen. 5. If the OTP is invalid, the system displays an error message: "Invalid OTP." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Cannot connect to the database."  EX-2: Email service failure – System displays an error message: "Failed to send OTP. Please try again." | | |
| Priority: | High | | |
| Frequency of Use: | Frequently used by all users. | | |
| Business Rules: | BR-1: Default Citizen account: Email is "[citizen1@example.com](mailto:citizen1@example.com)" and password is "123456".  BR-2: Default TrafficPolice account: Email is "[police1@example.com](mailto:police1@example.com)" and password is "123456". | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

### 1.2 UC-2\_ Submit Violation Report

a. Functional Description

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC-2\_ Submit Violation Report | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | Citizen | Secondary Actors: | None |
| Description: | As a Citizen, I want to submit a traffic violation report, including details like plate number, violation type, description, and location, so that it can be reviewed by TrafficPolice. | | |
| Trigger: | Citizen clicks on the "Submit Report" button in the ReportView screen. | | |
| Preconditions: | PRE-1: Citizen must be logged in to access the report submission functionality.  PRE-2: The vehicle with the reported plate number must exist in the system (or can be entered manually). | | |
| Postconditions: | POST-1: The violation report is saved in the system with a "Pending" status.  POST-2: Citizen receives a confirmation message: "Report submitted successfully." | | |
| Normal Flow: | 1. Citizen logs in and is directed to the ReportView screen. 2. Citizen clicks on the "Submit Report" button (or the screen is already in report submission mode). 3. Citizen enters the plate number (with auto-suggestions from the system), violation type, description, and location. 4. Citizen clicks the "Submit" button. 5. System validates the input (ensures all required fields are filled). 6. System saves the report to the database with a "Pending" status and the current date/time as ReportDate. 7. System displays a confirmation message: "Report submitted successfully." 8. The input fields are cleared for a new submission. | | |
| Alternative Flows: | AF-1: Invalid input:   1. If any required field (plate number, violation type, description, or location) is empty, the system displays an error message: "Please fill in all required fields." 2. Citizen corrects the input and resubmits.   AF-2: Plate number not found in the system:   1. If the entered plate number does not exist in the Vehicles table, the system still accepts the report but flags it for manual verification by TrafficPolice. | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to submit report. Please try again." | | |
| Priority: | High | | |
| Frequency of Use: | Frequently used by Citizens. | | |
| Other Information: | BR-1: The report status must default to "Pending" upon submission.  BR-2: The ReportDate must be set to the current date and time automatically. | | |
| Assumptions: | ASS-1: Citizen has a stable internet connection to submit the report. | | |

### 1.3 UC3\_Pay Fine

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC3\_Pay Fine | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | Citizen | Secondary Actors: |  |
| Description: | As a Citizen, I want to pay fines for my traffic violations to update the violation status to "Paid" and clear my record. | | |
| Trigger: | Citizen clicks on the "Pay Fine" button in the MyViolationView screen. | | |
| Preconditions: | PRE-1: Citizen must be logged in to access the MyViolationView screen. PRE-2: The Citizen's vehicle must have at least one unpaid violation. | | |
| Postconditions: | * POST-1: The violation status is updated to "Paid" in the database. * POST-2: Citizen receives a notification: "You have successfully paid the fine for vehicle [PlateNumber]." | | |
| Normal Flow: | 1. Citizen logs in and navigates to the MyViolationView screen. 2. Citizen views the list of their vehicles and selects a vehicle with unpaid violations. 3. Citizen clicks the "Pay Fine" button next to the vehicle. 4. System checks if there are unpaid violations for the vehicle. 5. System updates the PaidStatus of all unpaid violations to "True". 6. System creates a notification for the Citizen: "You have successfully paid the fine for vehicle [PlateNumber]." 7. System displays a confirmation message: "Fine paid successfully." | | |
| Alternative Flows: | AF-1: No unpaid violations:   1. If the vehicle has no unpaid violations, the system displays a message: "No fines to pay for this vehicle." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to process payment. Please try again." | | |
| Priority: | Medium | | |
| Frequency of Use: | Occasionally used by Citizens with violations. | | |
| Business Rules: | BR-1: Only unpaid violations (PaidStatus = 0) can be paid.  BR-2: A notification must be generated after a successful payment. | | |
| Other Information: | N/A | | |
| Assumptions: | ASS-1: Payment is processed instantly (no external payment gateway integration). | | |

### 1.4 UC4\_View Notifications

a. Functional Description

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC4\_View Notifications | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | User (Citizen/TrafficPolice) | Secondary Actors: |  |
| Description: | As a User, I want to view my notifications to stay updated on report statuses, vehicle updates, or fine payments. | | |
| Trigger: | User clicks on the "Notifications" button in their main screen (ReportView for Citizen, DashboardView for TrafficPolice). | | |
| Preconditions: | PRE-1: User must be logged in to access the NotificationView screen. | | |
| Postconditions: | * POST-1: User can view a list of their notifications. * POST-2: User can mark notifications as read, updating the IsRead status in the database. | | |
| Normal Flow: | 1. User logs in and navigates to their main screen (ReportView or DashboardView). 2. User clicks the "Notifications" button. 3. System redirects the user to the NotificationView screen. 4. System displays a list of notifications for the user, including details like Message, PlateNumber, and SentDate. 5. User can search notifications by content or plate number. 6. User selects a notification and clicks "Mark as Read". 7. System updates the IsRead status to "True" for the selected notification. | | |
| Alternative Flows: | AF-1: No notifications: If the user has no notifications, the system displays a message: "No notifications available." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to load notifications. Please try again." | | |
| Priority: | Medium | | |
| Frequency of Use: | Frequently used by all users. | | |
| Business Rules: | BR-1: Notifications are sorted by SentDate in descending order (newest first).  BR-2: Only the user’s own notifications are displayed (filtered by UserID). | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

### 1.5 UC5\_View My Vehicles

a. Functional Description

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC5\_View My Vehicles | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | User (Citizen/TrafficPolice) | Secondary Actors: |  |
| Description: | As a User, I want to view the list of my registered vehicles and their associated violation details. | | |
| Trigger: | User clicks on the "My Vehicles" button in their main screen (ReportView for Citizen, DashboardView for TrafficPolice). | | |
| Preconditions: | PRE-1: User must be logged in to access the MyVehiclesView screen. | | |
| Postconditions: | POST-1: User can view a list of their vehicles and associated violations. | | |
| Normal Flow: | 1. User logs in and navigates to their main screen (ReportView or DashboardView). 2. User clicks the "My Vehicles" button. 3. System redirects the user to the MyVehiclesView screen. 4. System displays a list of the user’s vehicles, including details like PlateNumber, Brand, and Model. 5. User selects a vehicle and clicks "View Violations". 6. System displays a list of violations for the selected vehicle, including ViolationType, FineAmount, and PaidStatus. | | |
| Alternative Flows: | AF-1: No vehicles:   1. If the user has no registered vehicles, the system displays a message: "No vehicles found." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to load vehicles. Please try again." | | |
| Priority: | Medium | | |
| Frequency of Use: | Frequently used by all users. | | |
| Business Rules: | BR-1: Only the user’s own vehicles are displayed (filtered by OwnerID). | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

### 1.6 UC6\_Process Report

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC-6\_ Process Report | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | TrafficPolice | Secondary Actors: |  |
| Description: | As a TrafficPolice, I want to process violation reports by approving or rejecting them, and creating a violation record if approved. | | |
| Trigger: | TrafficPolice clicks on a report in the DashboardView screen. | | |
| Preconditions: | PRE-1: TrafficPolice must be logged in to access the DashboardView screen.  PRE-2: There must be at least one pending report in the system. | | |
| Postconditions: | POST-1: The report status is updated to "Approved" or "Rejected".  POST-2: If approved, a violation record is created, and a notification is sent to the violator. | | |
| Normal Flow: | 1. TrafficPolice logs in and is directed to the DashboardView screen. 2. System displays a list of pending reports. 3. TrafficPolice selects a report and reviews its details (PlateNumber, ViolationType, Description, Location). 4. TrafficPolice clicks "Approve" or "Reject". 5. If "Approve" is clicked: a. System updates the report status to "Approved". b. System creates a violation record with a FineAmount and sets the ProcessedBy field to the TrafficPolice’s UserID. c. System sends a notification to the violator: "Your vehicle [PlateNumber] has been fined for a traffic violation." 6. If "Reject" is clicked: a. System updates the report status to "Rejected". b. System sends a notification to the reporter: "Your report for vehicle [PlateNumber] has been rejected." 7. System displays a confirmation message: "Report processed successfully." | | |
| Alternative Flows: | AF-1: No pending reports: If there are no pending reports, the system displays a message: "No pending reports to process." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to process report. Please try again." | | |
| Priority: | High | | |
| Frequency of Use: | Frequently used by TrafficPolice. | | |
| Business Rules: | BR-1: Only pending reports can be processed.  BR-2: A notification must be sent to the relevant user (violator or reporter) after processing. | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

### 1.7 UC7\_Manage Vehicles

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC-7\_ Manage Vehicles | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | TrafficPolice | Secondary Actors: |  |
| Description: | As a TrafficPolice, I want to manage vehicles in the system, including adding and deleting vehicle records. | | |
| Trigger: | TrafficPolice clicks on the "Manage Vehicles" button in the DashboardView screen. | | |
| Preconditions: | PRE-1: TrafficPolice must be logged in to access the AddVehicleView screen. | | |
| Postconditions: | POST-1: A new vehicle is added to the system, or an existing vehicle is deleted.  POST-2: A notification is sent to the vehicle owner (if applicable). | | |
| Normal Flow: | 1. TrafficPolice logs in and navigates to the DashboardView screen. 2. TrafficPolice clicks the "Manage Vehicles" button. 3. System redirects the user to the AddVehicleView screen. 4. System displays a list of all vehicles in the system. 5. To add a vehicle: a. TrafficPolice clicks "Add Vehicle". b. TrafficPolice enters vehicle details (PlateNumber, OwnerID, Brand, Model, ManufactureYear). c. TrafficPolice clicks "Save". d. System validates the input (ensures PlateNumber is unique). e. System saves the new vehicle to the database. f. System sends a notification to the owner: "Your vehicle [PlateNumber] has been added to the system." 6. To delete a vehicle: a. TrafficPolice selects a vehicle from the list and clicks "Delete". b. System deletes the vehicle from the database. c. System sends a notification to the owner: "Your vehicle [PlateNumber] has been removed from the system." 7. System displays a confirmation message: "Vehicle [added/deleted] successfully." | | |
| Alternative Flows: | AF-1: Duplicate PlateNumber:   1. If the entered PlateNumber already exists, the system displays an error message: "Plate number already exists." 2. TrafficPolice corrects the input and resubmits. | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to manage vehicle. Please try again." | | |
| Priority: | Medium | | |
| Frequency of Use: | Occasionally used by TrafficPolice. | | |
| Business Rules: | BR-1: PlateNumber must be unique in the system.  BR-2: A notification must be sent to the vehicle owner after adding or deleting a vehicle. | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

### 1.8 UC8\_View User List

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC-8\_ View User List | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | TrafficPolice | Secondary Actors: |  |
| Description: | As a TrafficPolice, I want to view the list of all users in the system to monitor their details. | | |
| Trigger: | TrafficPolice clicks on the "User List" button in the DashboardView screen. | | |
| Preconditions: | PRE-1: TrafficPolice must be logged in to access the UserListView screen. | | |
| Postconditions: | POST-1: TrafficPolice can view a list of all users in the system. | | |
| Normal Flow: | 1. TrafficPolice logs in and navigates to the DashboardView screen. 2. TrafficPolice clicks the "User List" button. 3. System redirects the user to the UserListView screen. 4. System displays a list of all users, including details like FullName, Email, Phone, and Role. 5. TrafficPolice can search users by name, email, or phone number. | | |
| Alternative Flows: | AF-1: No users: If there are no users in the system, the system displays a message: "No users found." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to load user list. Please try again." | | |
| Priority: | Medium | | |
| Frequency of Use: | Occasionally used by TrafficPolice. | | |
| Business Rules: | BR-1: Only TrafficPolice can access the user list. | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

1.9 UC9\_View Processed Reports

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC9\_View Processed Reports | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | TrafficPolice | Secondary Actors: |  |
| Description: | As a TrafficPolice, I want to view the history of reports I have processed to review my actions. | | |
| Trigger: | TrafficPolice clicks on the "Processed Reports" button in the DashboardView screen. | | |
| Preconditions: | PRE-1: TrafficPolice must be logged in to access the processed reports functionality. | | |
| Postconditions: | POST-1: TrafficPolice can view a list of their processed reports. | | |
| Normal Flow: | 1. TrafficPolice logs in and navigates to the DashboardView screen. 2. TrafficPolice clicks the "Processed Reports" button. 3. System displays a popup with a list of processed reports, including details like PlateNumber, ViolationType, Status, and ReportDate. 4. TrafficPolice can search reports by plate number, violation type, or status. | | |
| Alternative Flows: | AF-1: No processed reports: If the TrafficPolice has not processed any reports, the system displays a message: "No processed reports found." | | |
| Exceptions: | EX-1: Database connection error – System displays an error message: "Failed to load processed reports. Please try again." | | |
| Priority: | Medium | | |
| Frequency of Use: | Occasionally used by TrafficPolice. | | |
| Business Rules: | BR-1: Only reports processed by the logged-in TrafficPolice are displayed (filtered by ProcessedBy). | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |

1.10 UC10\_Logout

|  |  |  |  |
| --- | --- | --- | --- |
| ID and Name: | UC10\_Logout | | |
| Created By: | HE187315  Nguyen Ba Luc | Date Created: | 28/03/2025 |
| Primary Actor: | User (Citizen/TrafficPolice) | Secondary Actors: |  |
| Description: | As a User, I want to log out of the system to end my session securely. | | |
| Trigger: | User clicks on the "Logout" button in their main screen (ReportView for Citizen, DashboardView for TrafficPolice). | | |
| Preconditions: | PRE-1: User must be logged in to access the logout functionality. | | |
| Postconditions: | POST-1: User is logged out of the system and redirected to the Login screen. | | |
| Normal Flow: | 1. User logs in and navigates to their main screen (ReportView or DashboardView). 2. User clicks the "Logout" button. 3. System clears the user’s session data. 4. System redirects the user to the Login screen. | | |
| Alternative Flows: |  | | |
| Exceptions: |  | | |
| Priority: | High | | |
| Frequency of Use: | Frequently used by all users. | | |
| Business Rules: |  | | |
| Other Information: | N/A | | |
| Assumptions: | N/A | | |