**My Challan App**

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| **Version** | **Date** | **Description** |
| Inception Draft | Nov 12, 2021 | First Inception Draft, will be refined during elaboration. |
| Elaboration Draft | Dec 19, 2021 | Improved Elaboration Draft |

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**Domain Model**

**Design Class Diagram**

**System Sequence Diagram – 1**

**Main Success Scenario (or Basic Flow):**

* Violation has occurred.
* Warden has identified the violator.
* Warden has authenticated the vehicle.
* Warden starts a new challan.
* Warden selects the particular violation(s).
* Warden issues challan.
* System records details of challan and enters it in the system database.
* Notification is sent to the violator.

**System Sequence Diagram – 2**

**Main Success Scenario (or Basic Flow):**

* The Violator is notified that challan has been issued.
* Violator pays challan using the wallet.
* System updates challan status.
* The Violator is notified that challan has been paid.

**System Sequence Diagram – 3**

**Sequence Diagram (User View)**

**Sequence Diagram (Warden View)**