**Tom Ryan Logs in to the System**

**Participating Actor:** Member of staff Tom Ryan

**Entry Conditions:** Tom wishes to log in to the system

**Flow of Events:**

1. The system presents a blank field requesting:

a. User ID

b. Password

2. Tom enters his username and password

3. Tom clicks the login button

4. The system logs the event, then checks if the User ID has been deactivated.

5. The User ID has not been deactivated

6. The system appends the Password to the end of the User ID and passes the concatenated string into an MD5 hashing function Cipher stored in the database

7. The cipher acquired from Tom’s username and password match the cipher recorded in the database.

8. The system retrieves the appropriate Black List and White List Rules from the Access Control system. Execution proceeds by invoking the View User Inbox Use Case.

**Exit Conditions:**

1. Tom has gained access to the system and the system has logged the event

**Tom Ryan Notifies Driver of Summons**

**Participating Actor:** Member of staff Tom Ryan

**Entry Conditions:** Tom has received a notification of a newly reported summons. Tom must issue a Notice of Summons and has invoked the Notify Driver of Summons function.

**Flow of Events:**

1. The system acquires and displays the following information associated with the offence

a. The Reference No of the offence

b. The Time and Date of the incident

c. The Location at which the incident occurred

d. The Drivers Licence Number

e. The Vehicle Registration

2. Tom presses the Notify Driver Button

3. The system responds by generating a Letter of Notification of Summons which must include the following information:

a. The Name and Address of the Driver positioned to fit in a windowed envelope.

b. The Drivers Licence Number.

c. The Reference No of the Offence, both in numeric form and as a Bar Code.

d. The Time, Date and Location at which the incident occurred.

e. The Section and Act (Section 5 of the Road Traffic Act 2002).

f. The Description of the Regulated Offence.

g. Date and Location of the Court Hearing.

h. The Number of Penalty Points to be endorsed as defined by the Regulation.

i. The Amount Payable and a Payment Deadline of 28 days from the current date.

j. Instructions on how to make payments at a local Post Office Branch.

k. Contact Details for the Penalty Points Bureau to facilitate enquiries.

4. Tom presses the Print button

5. The System responds by printing the Letter of Notification of Summons. The System also

records the Notification in the Database. The System returns to the Inbox.

**Exit Conditions:**

1. The Notification of Summons has been recorded to the Database

2. The Letter of Notification of Summons has been printed and Tom can now send it by Registered Post