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| **NUMBER** | DVS01 | |
| **USE CASE NAME:** | Violation Filing Process | |
| **ACTOR(S):** | Student, Security Guard | |
| **DESCRIPTION:** | Entry point access of the school. Its purpose is to display messages to students who has corresponding notices. File Violation ticket under the section of the student handbook. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Student will scan the ID in the RFID Scanner.  **Step 3:** Security Guard will fill-out the details of the violation.  **Step 4:** Upon confirmation, Security Guard will scan his or her ID. | **Step 2:** System will display the student information corresponding to the student, webcam features, list of violation and reasons for violation text field  **Step 5:** Ticket will be processed.  **Step 6:** Return to main page. |
| **ALTERNATE FLOW:** | 1. Step 1 – Student can enter their ID Number. 2. Step 4 – Student will submit the form by scanning the ID. | 1. System will display the student information. 2. Error message will appear dictating only Security Guard can submit the form. |
| **PRECONDITION:** | User can either have ID or their Student ID number memorized. | |
| **POSTCONDITION:** | Violation Filing was processed. | |

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| **NUMBER** | DVS02 | |
| **USE CASE NAME:** | Violation Ticket Status | |
| **ACTOR(S):** | Student, Security Guard | |
| **DESCRIPTION:** | Protect student from being given a violation ticket twice. Offers hassle free for the Disciplinary Officer to flag up multiple violation ticket onto one student. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Student will scan the ID in the RFID Scanner.  **Step 4:** Security Guard will confirm and quits the session. | **Step 2:** System will display if student has a violation ticket for the day.  **Step 3:** If student has violation for the day then display “Ticket was processed.” |
| **ALTERNATE FLOW:** | Not Applicable | Not Applicable |
| **PRECONDITION:** | User can either have ID or their Student ID number memorized. | |
| **POSTCONDITION:** | Violation Ticket status and to protect student from being issued a violation twice. | |

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| **NUMBER** | DVS03 | |
| **USE CASE NAME:** | APC Violation Login and Log Out | |
| **ACTOR(S):** | Student, Disciplinary Officer | |
| **DESCRIPTION:** | User authentication functionality | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** User will fill-out the username and password field. | **Step 2:** Identify the Role Based Access Control of a particular User.  **Step 3:** Redirect the user to the main page of the web application.  **Step 4:** Display the Dashboard where the messages of the Disciplinary Officer will be posted. |
| **ALTERNATE FLOW:** | 1. Step 1: User enters the wrong credential. 2. Step 4: Display Notification Notices. 3. Step 5: User clicks Log Out | 1. System will display error message. 2. Step 5: Destroy User Session. |
| **PRECONDITION:** | User must be logged in in order to know or identify the corresponding status. | |
| **POSTCONDITION:** | User will be able to navigate the Violation Module. | |

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| **NUMBER** | DVS04 | |
| **USE CASE NAME:** | Receive Violation Ticket | |
| **ACTOR(S):** | Student | |
| **DESCRIPTION:** | Upon generating the violation ticket submitted by the security guard. Student will be able to view their ticket via web application. The duration of the ticket is 2 days. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Student clicks the “Violation Ticket” tab.  **Step 3:** Student clicks on the list of violation they want to view. | **Step 2:** Displays a list of violation they committed.  **Step 4:** Displays the Violation Ticket and the corresponding Security Guard that processed the ticket with a status of “Pending” |
| **ALTERNATE FLOW:** | If the ticket has reached its deadline (2 days) then the status of the ticket will be flagged red. | |
| **PRECONDITION:** | Student must be logged in in order to know or identify the corresponding status. | |
| **POSTCONDITION:** | Student will be able to view the Violation Ticket | |

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| **NUMBER** | DVS05 | |
| **USE CASE NAME:** | Create Appeal Ticket | |
| **ACTOR(S):** | Student | |
| **DESCRIPTION:** | Student will be able to create an appeal ticket corresponding to the violation that they made. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Student clicks the “Violation Ticket” tab.  **Step 3:** Student clicks on the list of violation they want to view.  **Step 5:** Student clicks on the “Appeal” button | **Step 2:** Displays a list of violation they committed.  **Step 4:** Displays the Violation Ticket and the corresponding Security Guard that processed the ticket with a status of “Pending”  **Step 6:** Text field will be displayed where student can enter the appeal statement. |
| **ALTERNATE FLOW:** | Student will be able to create an appeal ticket; however, it can only be updated once.  If the Disciplinary Officer already flagged it as “Violation Committed” then by all means the student cannot create an Appeal Ticket. | |
| **PRECONDITION:** | Student must be logged in in order to know or identify the corresponding status. | |
| **POSTCONDITION:** | Student will be able to create an appeal ticket prior only to the violation that they have committed. | |

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| **NUMBER** | DVS06 | |
| **USE CASE NAME:** | Process Appeal Ticket | |
| **ACTOR(S):** | Disciplinary Officer | |
| **DESCRIPTION:** | Disciplinary Officer will be able to comprehend the appeals of the student if and only if valid. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Disciplinary Officer clicks the “Violation Ticket” tab.  **Step 3:** Disciplinary Officer clicks on the ticket he wants to see.  **Step 5:** Status are “Excused or Violation Committed.” | **Step 2:** Displays a list of violation the student committed.  **Step 4:** Displays the Violation Ticket and the corresponding Security Guard that processed the ticket with a status of “Pending.” Reading it and impose the corresponding status to that ticket.  **Step 6:** The Violation Ticket will be updated to the particular status that was imposed. |
| **ALTERNATE FLOW:** | If the Disciplinary Officer was not able to impose any sanctions against the student then the system will automatically update the ticket. (2 days prior to the generated ticket). | |
| **PRECONDITION:** | Violation Ticket must exists. | |
| **POSTCONDITION:** | The Disciplinary Officer can update the ticket any time he wants. | |

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| **NUMBER** | DVS07 | |
| **USE CASE NAME:** | Create new violation | |
| **ACTOR(S):** | Disciplinary Officer | |
| **DESCRIPTION:** | Within a point in time, the disciplinary officer can add new violation component in the List of Violation of students. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Disciplinary Officer clicks the “Settings” tab.  **Step 3:** Disciplinary Officer clicks on the “Add” button  **Step 5:** Fills out the specified field. | **Step 2:** Choose between Male or Female  **Step 4:** Display the Violation Field and to whom it should be addressed to – “Male, Female or Everyone”  **Step 6:** The new violation has been added. |
| **ALTERNATE FLOW:** | Disciplinary Officer must specify whether it should be active or not, for the new violation to be saved in the database. | |
| **PRECONDITION:** | Disciplinary Officer must logged in in order to make necessary changes. | |
| **POSTCONDITION:** | The Disciplinary Officer has created but may not display the new violation created. | |

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| **NUMBER** | DVS08 | |
| **USE CASE NAME:** | Update Violation List | |
| **ACTOR(S):** | Disciplinary Officer | |
| **DESCRIPTION:** | Disciplinary Officer will be able to make necessary changes in the violation list. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Disciplinary Officer clicks the “Settings” tab.  **Step 3:** Disciplinary Officer clicks on the “Update” button  **Step 5:** Fills out the specified field. | **Step 2:** Choose between Male or Female  **Step 4:** Display the Violation Field and to whom it should be addressed to – “Male, Female or Everyone”  **Step 6:** The violation has been updated. |
| **ALTERNATE FLOW:** | Disciplinary Officer must specify whether it should be active or not, for the new violation to be saved in the database. | |
| **PRECONDITION:** | Disciplinary Officer must logged in in order to make necessary changes. | |
| **POSTCONDITION:** | The Disciplinary Officer has updated the violation list but may not be displayed upon updated. | |

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| **NUMBER** | DVS09 | |
| **USE CASE NAME:** | Display Violation List | |
| **ACTOR(S):** | Disciplinary Officer | |
| **DESCRIPTION:** | Disciplinary Officer will be able to make necessary changes in the violation list and display them for additional list purposes. | |
| **BASIC FLOW:** | **Actor Action** | **System Response** |
|  | **Step 1:** Disciplinary Officer clicks the “Settings” tab.  **Step 3:** Disciplinary Officer clicks on the “Update” button  **Step 5:** Fills out the specified field.  **Step 6:** Choses it to be active. | **Step 2:** Choose between Male or Female  **Step 4:** Display the Violation Field and to whom it should be addressed to – “Male, Female or Everyone”  **Step 7:** Clicks on submit.  **Step 8:** Violation list has been updated and will be displayed. |
| **ALTERNATE FLOW:** | The Disciplinary Officer can also do the opposite if some violation components must not be displayed. | |
| **PRECONDITION:** | Disciplinary Officer must logged in in order to make necessary changes. | |
| **POSTCONDITION:** | The Disciplinary Officer has updated the violation and will be displayed. | |