

## Use Cases:

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| <b>Use Case Name:</b> Login   |
| <b>Actor:</b> voter & admin   |
| <b>Scenario:</b><br>1. Input his/her id and password.   |
| <b>Exception:</b><br>1. Does not match the database   |
| <b>Pre-Condition:</b><br>1. Admin/voter have the required ID and password.  |
| <b>Post Condition:</b><br>1. Succesfull: for admin(go to the selection window),for voter(go to the voting window)<br>2. Unsuccessful: credentials mismatched. |

2.

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| <b>Use Case Name:</b> Register  |
| <b>Actor:</b> admin, voter, candidate   |
| <b>Scenario:</b><br>1. Input voters & candidate details(name, birthdate, gender, year, password, place of registration),<br>3. Save these information |
| <b>Exception:</b><br>1. System error  |
| <b>Pre-Condition:</b><br>Admin must select registration after successful login.   |
| <b>Post Condition:</b><br>1. Successful: Registration details will be saved.<br>2. Unsuccessful: Submission failed.                                   |

3.

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| <b>Use Case Name:</b> Admin selection   |
| <b>Actor:</b> Admin   |
| <b>Scenario:</b><br>1. Admin select between options (start vote, registration, update, view result) . |
| <b>Exception:</b><br>1. System crush  |
| <b>Pre-Condition:</b><br>Admin login into system.   |
| <b>Post Condition:</b><br>1.Succesfull: go to the desire window                                       |

4.

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| <b>Use Case Name:</b> update  |
| <b>Actor:</b> Admin   |
| <b>Scenario:</b><br>1. Admin can update voter/candidates' info  |
| <b>Exception:</b><br>1. Data not found  |
| <b>Pre-Condition:</b><br>1. Admin should be logged in and press update button.  |
| <b>Post Condition:</b><br>1. Successful: information updated successfully.<br>2. Unsuccessful: information update failed. |

5.

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| <b>Use Case Name:</b> vote   |
| <b>Actor:</b> Voter<br><b>Scenario:</b> <ul style="list-style-type: none"><li>1. Voter gives vote to the candidate.</li><li>2. voter gives no vote</li></ul> <b>Exception:</b> <ul style="list-style-type: none"><li>1. System crush.</li></ul> <b>Pre-Condition:</b> <ul style="list-style-type: none"><li>1. Voter must successfully logged in.</li><li>2. He/she should be voter of that area.</li></ul> <b>Post Condition:</b> <ul style="list-style-type: none"><li>1. Successful: vote is successful.</li><li>2. Unsuccessful: voter was unauthorized to vote there.</li></ul> |

6.

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| <b>Use Case Name:</b> view result.   |
| <b>Actor:</b> admin.<br><b>Scenario:</b> <ul style="list-style-type: none"><li>1. See result of previous voting session.</li></ul> <b>Exception:</b> <ul style="list-style-type: none"><li>1. No data found</li></ul> <b>Pre-Condition:</b> <ul style="list-style-type: none"><li>1. Voting session must be done.</li></ul> <b>Post Condition:</b> <ul style="list-style-type: none"><li>1. Successful: show the result.</li><li>2. Unsuccessful: System Error or no data found.</li></ul> |