# **Registration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 01 | |
| **Name** | | Registration | |
| **Summary** | | The voter provides their details to register for voting in the election. | |
| **Priority** | | High | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | 1. Voters must not be registered before. 2. Voters must fulfill the eligibility criteria set by the Election Authority. | |
| **Post-condition(s)** | | After entering their details and completing the registration process, the voter is successfully registered for the election. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The voter clicks the Registration button. | |  |
| **2.** |  | | Displays the Registration page. |
| **3.** | The voter enter the details. | |  |
| **4.** | Presses the Register button. | |  |
| **5.** |  | | Checks the eligibility criteria. |
| **6.** |  | | Creates an account. |
| **Alternate Course of Action(5. Details are not Correct/Invalid)** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** |  | | Ask the voter to re-enter the details or tell him/her that he/she is not eligible. |
| **2.** | Enters details. | |  |
| **3.** |  | | (5) continue from 5. |

2. Login

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 02 | |
| **Name** | | Login | |
| **Summary** | | The voter or admin must login to access their respective dashboards. | |
| **Priority** | | High | |
| **Actors** | | Voter, Admin | |
| **Pre-condition(s)** | | The Voter must be registered | |
| **Post-condition(s)** | | The voter can vote for his/her favorite candidate and the admin can manage the elections. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The voter/admin clicks the login page. | |  |
| **2.** |  | | Displays the login page. |
| **3.** | The voter/admin enters their credentials. | |  |
| **4.** |  | | Verifies the credentials and provide access to their respective dashboard. |
| **5.** | The voters/admin are in their dashboards and can access their respective information and tools. | |  |
|  |  | |  |
| **Alternate Course of Action(4. Credentials are invalid)** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** |  | | Asks the voter/admin to re enter the credentials. |
| **2.** | Enter Details. | |  |
| **3.** |  | | (4) Continue from 4. |

3. Incorrect ID or Password

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 03 | |
| **Name** | | Incorrect ID or Password | |
| **Summary** | | This appears when the voter or admin enters incorrect credentials. | |
| **Priority** | | Low | |
| **Actors** | | Voter, Admin | |
| **Pre-condition(s)** | | User enter incorrect credentials | |
| **Post-condition(s)** | | Asks the user to reenter the credentials | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Voter or admin enters incorrect credentials. | |  |
| **2.** |  | | Display that the credentials are incorrect. |
| **3.** |  | | Sends the user back to login page. |
| **4.** | The user reenters his/her credentials. | |  |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The user again enters incorrect diagram. | |  |
| **2.** |  | | (2) Continue from 2. |

4. Admin Dashboard

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 04 | |
| **Name** | | Admin Dashboard | |
| **Summary** | | The admin can access his tools from the dashboard. It is the hub of the tools and information/data admin have. | |
| **Priority** | | High | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must have logged in. | |
| **Post-condition(s)** | | Admin can use his powers/tools. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admin log into his dashboard. | |  |
| **2.** |  | | Display admin’s dashboard. |
| **3.** | Admin clicks on dashboard tools. | |  |
| **4.** |  | | Displays the tools. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

5. Cast Vote/Secure Voting

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 05 | |
| **Name** | | Cast Vote/Secure Voting | |
| **Summary** | | The voters cast their vote in favor of their favorite candidate. | |
| **Priority** | | High | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | The voter must be registered and logged in to his/her dashboard | |
| **Post-condition(s)** | | The voter cast their vote | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1** | The voter logs into his dashboard . | |  |
| **2** |  | | Display the the “Vote Now” and “Feedback and Complain” button. |
| **3** | Clicks on the “Vote Now” button. | |  |
| **4** |  | | Displays the candidates. |
| **5** | Votes for his favorite candidate. | |  |
| **6** |  | | Displays the Confirm Vote option. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

6. Cast Vote/Secure Voting

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 06 | |
| **Name** | | Confirm Vote | |
| **Summary** | | It confirms with the voter if they wish to vote for this candidate. | |
| **Priority** | | High | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | Voter must have click on “Vote” under any candidate | |
| **Post-condition(s)** | | Vote is confirmed | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Voter logs into his dashboard and visits the “Vote Now” page. There he clicks on the “Vote” button under any candidate.. | |  |
| **2.** |  | | Ask the voter to confirm the vote. |
| **3.** | Voter confirms the vote. | |  |
| **4.** |  | | Vote is saved |
|  |  | |  |
| **Alternate Course of Action(2. Does not confirms the vote)** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** |  | | Redirects the user to the “Vote Now” page. |
| **2.** | User again make a choice. | |  |
| **3.** |  | | (5)<continue from 5. |

7. View Own Ballot

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 07 | |
| **Name** | | View Own Ballot | |
| **Summary** | | The voter can view his ballot after voting for his/her favorite candidate. | |
| **Priority** | | Low | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | The voter must have voted. | |
| **Post-condition(s)** | | The voter can preview his/her ballot. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The voter votes for his favorite candidate. | |  |
| **2.** |  | | Display voters dashboard with “Preview your Vote” button. |
| **3.** | Clicks on “Preview your Vote” button. | |  |
| **4.** |  | | Displays the voters ballot. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

8. FeedBack and Complain

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 08 | |
| **Name** | | FeedBack and Complain | |
| **Summary** | | The voter provides their feedback or reports any issues they face in the election process. | |
| **Priority** | | Low | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | The voter must be registered and logged in to his/her dashboard. | |
| **Post-condition(s)** | | Admins gather user feedback and diligently address any reported issues. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The voter logs into his dashboard . | |  |
| **2.** |  | | Display the “Feedback and Complain” and “Vote Now” button. |
| **3.** | Click on the “Feedback and Complain” button. | |  |
| **4.** |  | | Display a contact form. |
| **5.** | Voters enter the details in display form and submit it. | |  |
| **6.** |  | | Deliver the feedback to the admin. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

9. View Results/Download PDF

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 09 | |
| **Name** | | View Results/Download PDF | |
| **Summary** | | The voter can view the results and download the result sheet after completion of election. | |
| **Priority** | | Medium | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | The voter must be registered and logged in to his/her dashboard. | |
| **Post-condition(s)** | | The voter can view the results. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The voter logs into his dashboard after the voting time is over. | |  |
| **2.** |  | | Displays the “View results/download PDF” button. |
| **3.** | The voter clicks on the “View results/download PDF” button. | |  |
| **4.** |  | | Displays the result and provides an option to download the results. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

10. Manage voting Time

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 10 | |
| **Name** | | Manage voting Time | |
| **Summary** | | Admin sets the time for how long the voting lasts. | |
| **Priority** | | High | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must be logged in to his/her dashboard. | |
| **Post-condition(s)** | | Voting lasts for only the time stipulated. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admin log into his dashboard. | |  |
| **2.** |  | | Display admin’s dashboard. |
| **3.** | Admin clicks on dashboard tools. | |  |
| **4.** |  | | Display the tools. |
| **5.** | Admin clicks on Manage Voting time. | |  |
| **6.** |  | | Display the setting to set time. |
| **7.** | Admin sets the time. | |  |
| **8.** |  | | Displays a message informing that Time has been set. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

11. Candidate Registration

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 11 | |
| **Name** | | Candidate Registration | |
| **Summary** | | The voter will send a request to be a candidate . | |
| **Priority** | | High | |
| **Actors** | | Voter | |
| **Pre-condition(s)** | | The voter must be registered and logged in to his/her dashboard.  The voting time has not started. | |
| **Post-condition(s)** | | The user waits for approval from the admin | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The voter logs into his dashboard before the voting time starts. | |  |
| **2.** |  | | Displays a button “Register as a Candidate”. |
| **3.** | The voter enter his details required to become a candidate and will click on “Register as a Candidate” button. | |  |
| **4.** |  | | Gets the personal information and store it. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

12. Accept Candidates

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 12 | |
| **Name** | | Accept Candidates | |
| **Summary** | | Admin will check candidate criteria and accept accordingly | |
| **Priority** | | High | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | 1. Admin must be logged in. 2. Voting time has not started. | |
| **Post-condition(s)** | |  | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | The admin logs into his dashboard before the voting time starts. | |  |
| **2.** |  | | Displays “Candidates Applications” button. |
| **3.** | Click “Candidates Applications” button. | |  |
| **4.** |  | | Displays the candidates data. |
| **5.** | Approves or reject the applications | |  |
| **6.** |  | | Approval or rejection will be sent to candidate |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

13. Create Ballots

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 13 | |
| **Name** | | Create Ballots | |
| **Summary** | | Admin sets the ballot comprising of all the Candidates | |
| **Priority** | | High | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must be logged in to his/her Dashboard | |
| **Post-condition(s)** | | Ballots are created | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admin logs into his dashboard. | |  |
| **2.** |  | | Display admin’s dashboard. |
| **3.** | Admin clicks on dashboard tools. | |  |
| **4.** |  | | Display the tools. |
| **5.** | Admin clicks on create Ballot. | |  |
| **6.** |  | | Display the create ballot page. |
| **7.** | Admin adds Candidates names and signs. | |  |
| **8.** |  | | Displays the Ballot. |
|  |  | |  |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

14. Real time Monitoring

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 14 | |
| **Name** | | Real time Monitoring | |
| **Summary** | | Admin can view the position of all the candidates while voting is being carried on. | |
| **Priority** | | Medium | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must be logged in to his/her Dashboard | |
| **Post-condition(s)** | | Admin can view the position of candidates in real time | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admin logs into his dashboard. | |  |
| **2.** |  | | Display admin’s dashboard. |
| **3.** | Admin clicks on dashboard tools. | |  |
| **4.** |  | | Display the tools. |
| **5.** | Admin clicks on Real time Monitoring. | |  |
| **6.** |  | | Displays the positions of candidates in real time. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

15. Publish results

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 15 | |
| **Name** | | Publish results | |
| **Summary** | | Admin publishes the result for audience to see | |
| **Priority** | | High | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must be logged in to his/her Dashboard | |
| **Post-condition(s)** | | Admin publishes the results | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admin logs into his dashboard. | |  |
| **2.** |  | | Display admin’s dashboard. |
| **3.** | Admin clicks on dashboard tools. | |  |
| **4.** |  | | Display the tools. |
| **5.** | Admin clicks on Publish result. | |  |
| **6.** |  | | Publishes the result. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

16. Result Tabulation

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 16 | |
| **Name** | | Result Tabulation | |
| **Summary** | | Statistics of the election is shown, comprising of the number of votes received by each Candidate | |
| **Priority** | | Low | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must be logged in to his/her Dashboard | |
| **Post-condition(s)** | | Admin sees the Statistics of the Election | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admin logs into his dashboard. | |  |
| **2.** |  | | Display admin’s dashboard. |
| **3.** | Admin clicks on dashboard tools. | |  |
| **4.** |  | | Display the tools. |
| **5.** | Admin clicks on Result Tabulation. | |  |
| **6.** |  | | Displays the Statistics of the election. |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

17. Approval from Admin

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 17 | |
| **Name** | | Approval from Admin | |
| **Summary** | | Approval is required in order to enable a candidate to complete registration | |
| **Priority** | | High | |
| **Actors** | | Candidate | |
| **Pre-condition(s)** | | Candidate issues an action that requires admins approval | |
| **Post-condition(s)** | | Admin has either approved or rejected the request | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Candidate sends application for approval. | |  |
| **2.** |  | | Admin checks application. |
| **3.** |  | | Admin compares with criteria. |
| **4.** |  | | Admin approves or disapproves. |
| **5.** | Candidate receives notification(approval or disapproval). | |  |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |

18. Manage Voters

|  |  |  |  |
| --- | --- | --- | --- |
| **Identifier** | | UC 18 | |
| **Name** | | Manage Voters | |
| **Summary** | | This grants administrators the authority to modify voter information. | |
| **Priority** | | Medium | |
| **Actors** | | Admin | |
| **Pre-condition(s)** | | Admin must be logged in | |
| **Post-condition(s)** | | Voter records will be deleted, edited, or added as needed. | |
| **Typical Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | Admins logs into his dashboard and access his manage voter tools. | |  |
| **2.** |  | | Displays the information of all the voters. |
| **3.** | Makes changes to any voter | |  |
| **4.** |  | | Saves the changes |
|  |  | |  |
| **Alternate Course of Action** | | | |
| **S#** | **Actor Action** | | **System Response** |
| **1.** | NULL | | NULL |