**Department of Computer Science**

Mid Term Project Proposal, Spring 2021-22

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| Course Title | Web Technologies | Section | F |

**Group Members:**

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| --- | --- | --- |
| Student ID | Name | Signature |
| 19-40320-1 | Dihan, MD. Rafee-uzzaman | Dihan |
| 19-40638-1 | Ayon, Israd Ahmed | Ayon |
| 19-40621-1 | Jim, Shanjida Sultana | Jim |
| 19-40603-1 | Jassi, Sumaiya Afrin | Jassi |

**Project Title:**

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| eBallot |

**Short Description:**

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| Four types of users:   1. Admin. 2. Voter. 3. Election Commission (EC). 4. Candidates.   Common Features for all user:   1. All users can login to the system. 2. Can manipulate their profile information (edit-delete-view etc.) 3. All users can see the voting results.   Admin Functionality:   1. Sign in. 2. Sign out. 3. Admin can update his/her profile. 4. Admin can add Voter. 5. Admin can add Election Commission (EC). 6. Admin can update Voter. 7. Admin can remove Voter. 8. Admin can update Election Commission (EC). 9. Admin can remove Election Commission (EC). 10. Admin can add/remove District. 11. Admin can add/remove Sub district. 12. Admin can add/remove Union. 13. Admin can add/remove Ward. 14. Admin can verify Voter account. 15. Admin can publish voting results. 16. Admin can set time for the voting.   Voter Functionality:   1. Sign in/Create account. 2. Sign out. 3. Voter can request to update his/her profile information. 4. Voter can request to update his/her voting area. 5. Voter can upload his/her profile photo. 6. Voter can change his/her profile photo. 7. Voter can change his/her password. 8. Voter can vote. 9. Voter can see Candidate profile.   Election Commission (EC) Functionality:   1. Sign in. 2. Sign out. 3. EC can update his/her profile. 4. EC can change his/her password. 5. EC can update voter list area wise. 6. EC can upload his/her profile photo. 7. EC can change his/her profile photo. 8. EC can add candidate. 9. EC can remove candidate. 10. EC can set the political party for the Candidate. 11. EC can set the election symbol for the Candidate. 12. EC can notify Admin for start/pause/stop the voting time.   Candidate Functionality:   1. Sign in. 2. Sign out. 3. Candidate can change his/her password. 4. Candidate can request to update his/her voter profile information 5. Candidate can update his/her profile. 6. Candidate can upload his/her profile photo. 7. Candidate can change his/her profile photo. 8. Candidate can describe about him/herself. 9. Candidate can add his/her educational qualifications. 10. Candidate can add his/her previous experience. 11. Candidate can add his/her vision. 12. Candidate can vote. |