

University Institute of Engineering, Chandigarh University

Department of Computer Science & Engineering

Phase I(Project Scope, Planning and Task Definition)

Date: 09-03-2022

Project Title

ONLINE VOTING SYSTEM

Project Team

| Team Designation | Name | UID | Section |
|------------------|--------------------|-----------|--------------|
| Lead | Ajendra Singh | 20BCS2163 | PH20BCS610-A |
| Member1 | Deepanshi Aggarwal | 20BCS2188 | PH20BCS610-B |
| Member2 | Gagan Gupta | 20BCS2166 | PH20BCS610-A |
| Member3 | Maneesh Amoli | 20BCS2160 | PH20BCS610-A |

Project Scope

- Raise public awareness of democracy.
- Voters can vote from anywhere they have access to the internet as long as they have sufficient authentication.
- Increase the number of people who vote
- Promotes India's digital transformation.
- Cut management costs, time, and corruption.
- Quick and can be real-time results (if needed).

Project Planning and Task Definition

We started by laying out the tasks and activities that would be required to complete the entire project

- Establish the foundation of the project's development on paper.
- Collect detailed project information – how will the project be implemented?
- Assigned diverse tasks – front-end, back-end, authentication, validity, and so on – to different people.

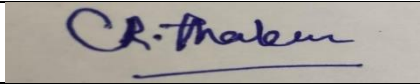
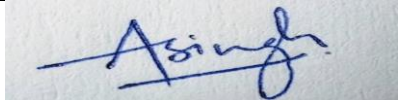
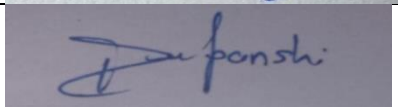
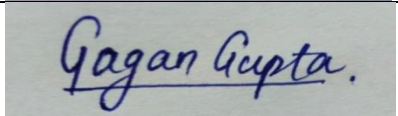
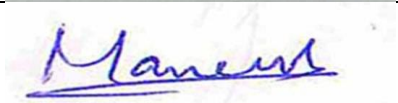
After gaining a thorough understanding and clear vision of the project, we proceed to begin writing code blocks to facilitate various activities as determined, while also gathering feedback from people of various ages and social groups in order to make the project's front end very interactive, convenient, and easy to use for everyone.

Coming to the hardcore development on the system:

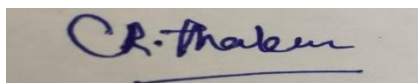
- Developed a database (backend) to store all voter/party information (later going to be used as authentication purpose also)
- Developed a user interface (front end) for people and parties to register and vote
- Developed a strong, secure, independent authentication method to verify the identity of voter In order to complete the project, we ran over 100+ trail runs on various data sets using the local host server, and when everything appeared to be in good working order, we applied the final styling wherever it was needed or appeared to be better than previously.

Project ID (If selected from project basket)

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|-----------------------------------|---------------------------|--------------|---------------|-------------|--|-------------------|-------|
| Project Outcome (Tick the Column) | | Patent | Journal Paper | S/W Project | ✓ | H/W + S/W Project | Other |
| Remark of Supervisor | | | | | | | |
| | | | | | | | |
| Name of Supervisor | | Chet Ram | | Signature |  | | |
| Name of Co-Supervisor | | Jagmeet Kaur | | Signature | Jagmeet Kaur | | |
| S.No. | Signature of the Students | Contact No. | | | Signature | | |
| 1. | Ajendra Singh | 7906192336 | | |  | | |
| 2. | Deepanshi Aggarwal | 7983916352 | | |  | | |
| 3. | Gagan Gupta | 9588524275 | | |  | | |
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Signature



(Project Teacher)