

Figure 2 - Interaction Diagram (Sequence)

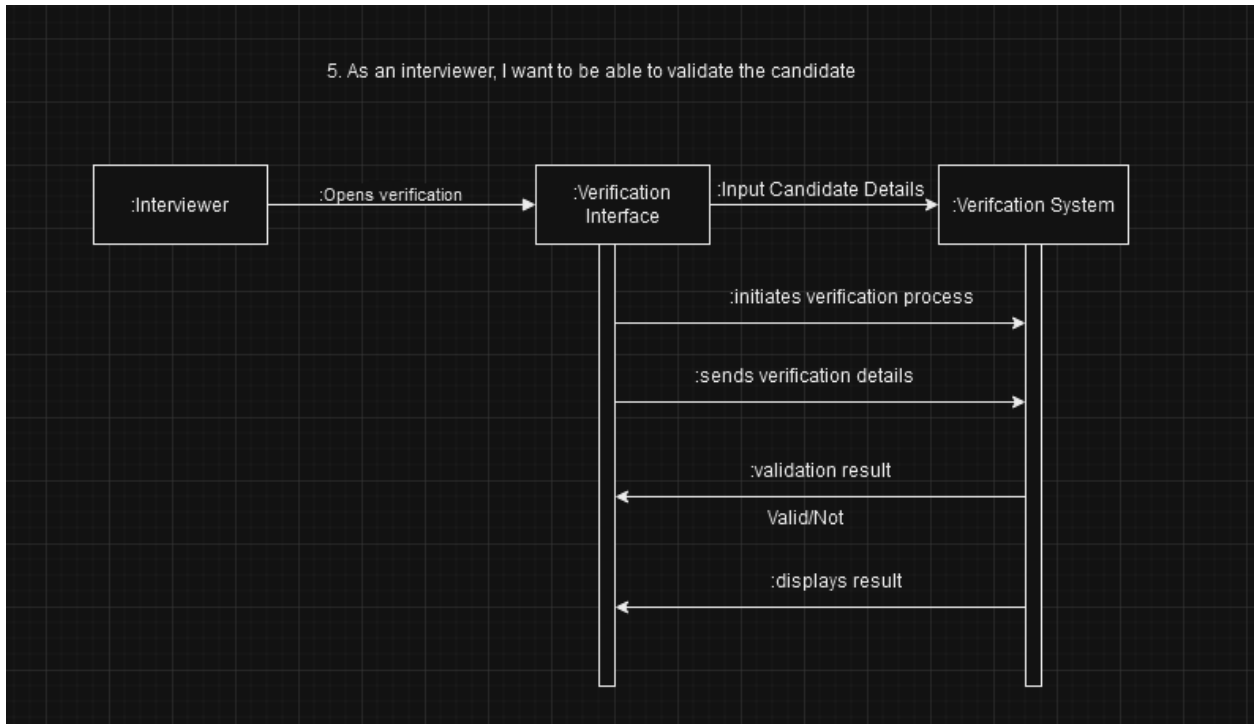


Figure 3 - Interaction Diagram (Sequence)

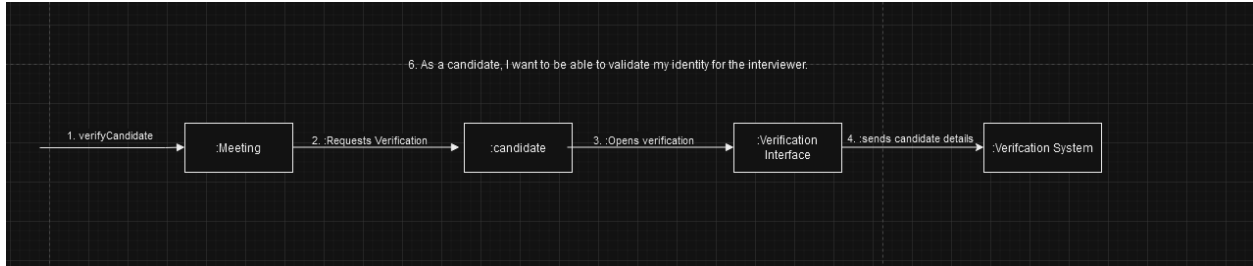


Figure 4 - Interaction Diagram (Collaboration)

3. Design Class Diagram

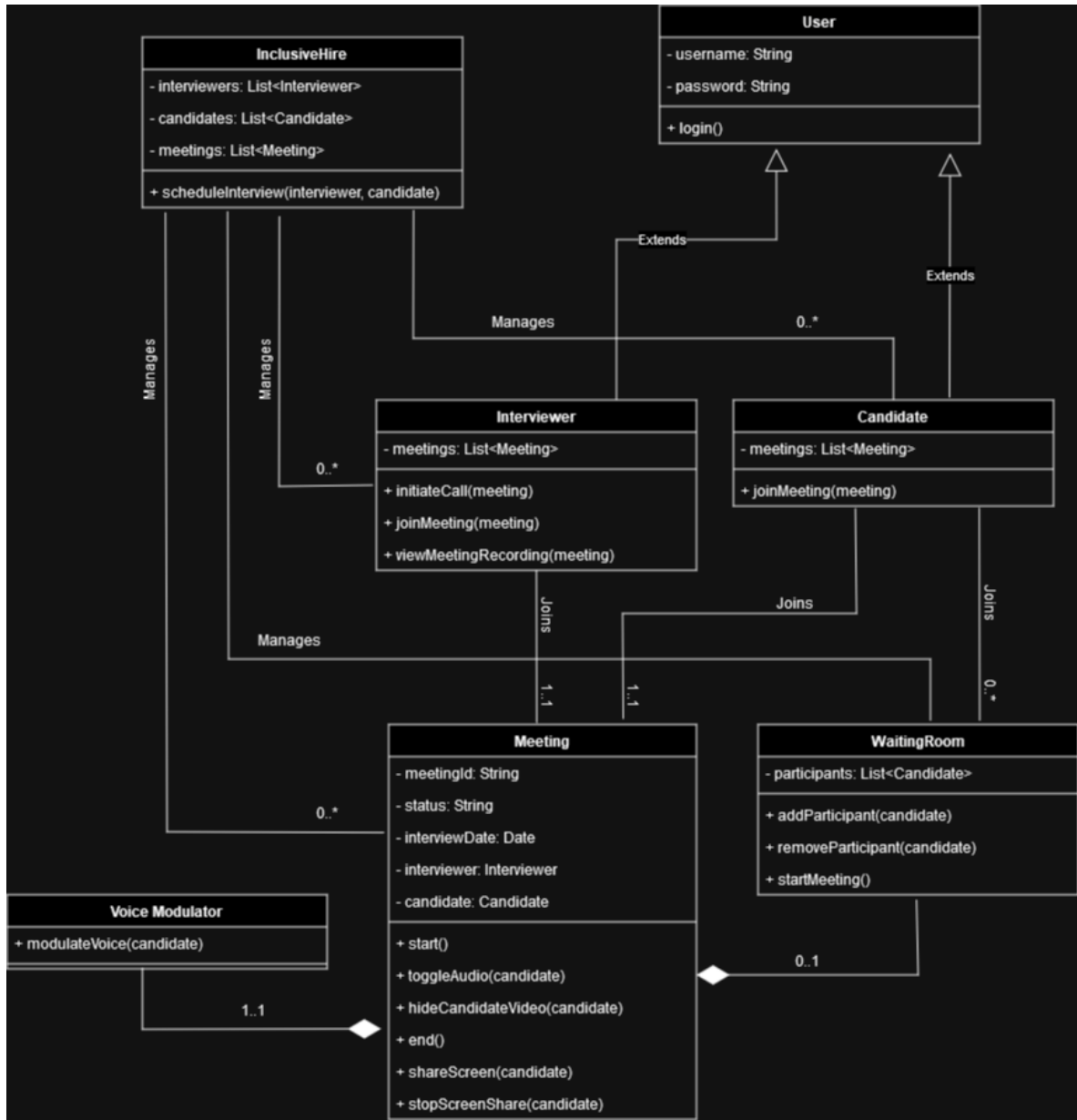


Figure 5 - Design Class Diagram

4. Demo of Working Product System

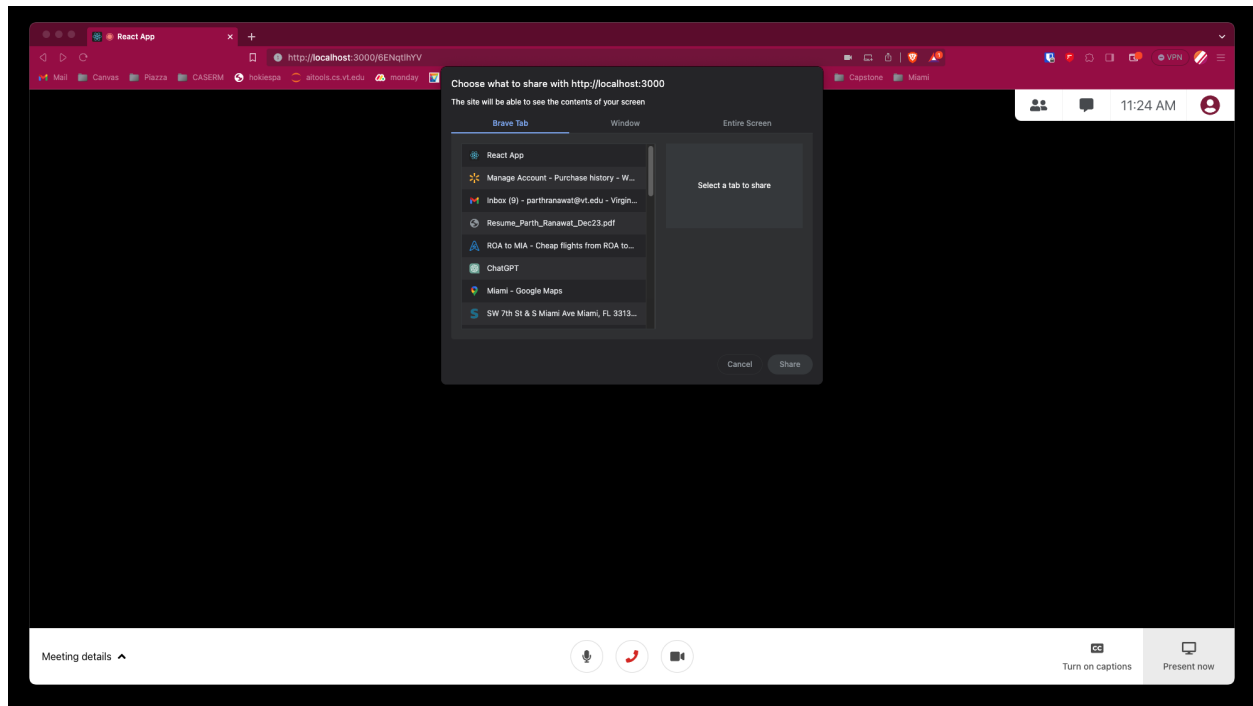


Figure 6 - Screen Sharing Overview

Demonstration of the voice modulation can be found on the following page on the InclusiveHire repository:

<https://github.com/parthranawat/inclusive-hire/wiki/Voice-Modulation-Demonstration>

5. Scrum

Sprint 2 Backlog

3. User Story: As an interviewer, I want to be able to hide the voice/video of the candidate.

- **Tasks:** a. Design UI controls for muting/hiding.

Delivered in 4 hours (Estimated 3 hours)

b. Implement backend logic to control mute/hide functionality.

Delivered in 4 hours (Estimated 3 hours)

Worked for 2 hours in Sprint 1, as this user story was supposed to be delivered in Sprint 1.

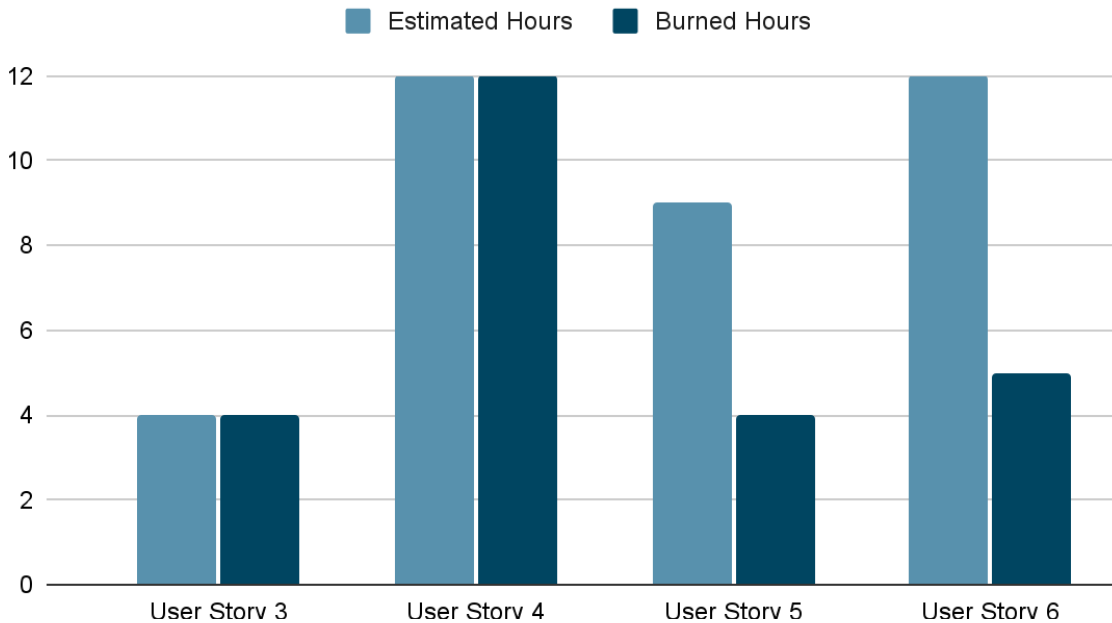
4. User Story: As an interviewer, I want to be able to see the candidate's screen.

- Tasks:

- a. Research suitable screen-sharing APIs/tools compatible with our platform.
Delivered in 3 hours(Estimated 3 hours)
- b. Design a UI button or toggle for the interviewer to request screen sharing.
Delivered in 4 hours (Estimated 3 hours)
- c. Implement backend logic to initiate screen sharing once the candidate approves.
Delivered in 4 hours (Estimated 4 hours)
- d. Test screen sharing for any security vulnerabilities.
Delivered in 1 hour (Estimated 2 hours)

Sprint 2 Burndown Chart

Total estimated Hours: 37



Note: Effort was made to complete stories 5 and 6 but ultimately the work has to be rejected in favor of a different approach in Sprint 3.

Sprint 2 Retrospective

- **Accomplishments:** Successfully completed all user stories planned for Sprint 2. The backlog from Sprint 1 was also completed in this Sprint. The system can now host

meetings, initiate video calls, hide voice/video calls, view the candidate's screen, and validate both the interviewer and the candidate.

- **Impediments:** User Stories 5 and 6 had to be deferred to Sprint 3 as the approach to completing them needs to be revised. Time was spent initially trying to implement these stories as they were, but a decision was made to scrap the implementation and push the User Stories to the next sprint.
- **Addressed Issues:** We allocated more hours to troubleshooting the API. A specialized sub-team was formed for rapid problem-solving.
- **What went well:** The team successfully delivered all the planned user stories in Sprint 2. UI design and implementation went smoothly. Team collaboration was at its peak.
- **Improvements:** Continue to refine estimation practices for future sprints, and enact effective communication channels to ensure smooth progress. Have contingency in place for when implementation does not go to plan.

Product Backlog (Sprint 2)

- Completed in Sprint 2:
 - As an interviewer, I want to be able to hide the voice/video of the candidate. (Holdover from Sprint 1)
 - As an interviewer, I want to be able to see the candidate's screen.
- Pushed to Sprint 3
 - As an interviewer, I want to be able to validate the candidate.
 - As a candidate, I want to be able to validate my identity for the interviewer.

Issue Tracking

- Continue to track and resolve any issues or bugs that carry over from Sprint 2.
- Address any new issues that may arise during Sprint 3.

Sprint 3 Backlog

5. User Story: As an interviewer, I want to be able to validate the candidate.

- Tasks:

- Design an interface to input the candidate's details for verification.
 - Estimate: 3 hours
- Implement a verification system (perhaps using third-party validation systems or internal checks).
 - Estimate: 6 hours
- Test the validation system for accuracy.
 - Estimate: 1 hours

6. User Story: As a candidate, I want to be able to validate my identity for the interviewer.

- Tasks:

- Design a UI for candidates to input their details or show identity proofs.
 - Estimate: 3 hours
- Integrate the candidate interface with the backend verification system.
 - Estimate: 2 hours
- Implement two-factor authentication for added validation if necessary.
 - Estimate: 3 hours
- Test the validation process from the candidate's side.
 - Estimate: 1 hours

7. User Story: As a candidate, I want to be able to chat with the interviewer.

- **Tasks:**

- Design a chat interface for the candidate.
 - Estimate: 6 hours
- Implement chat functionality in the candidate interface.
 - Estimate: 6 hours
- Test chat functionality for reliability and security.
 - Estimate: 2 hours

8. User Story: As an interviewer, I want to be able to chat with the candidate.

- **Tasks:**

- Design a chat interface for the interviewer.
 - Estimate: 6 hours
- Implement chat functionality in the interviewer interface.
 - Estimate: 6 hours
- Test chat functionality for reliability and security.
 - Estimate: 2 hours

Product Backlog (Sprint 3)

- From Sprint 2:
 - As an interviewer, I want to be able to validate the candidate.
 - As a candidate, I want to be able to validate my identity for the interviewer.
- Originally planned for Sprint 3
 - As a candidate, I want to be able to chat with the interviewer.
 - As an interviewer, I want to be able to chat with the candidate.