Progress Report – PCI system

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Project Description

The software to be designed is an open source online Personal Counseling Interaction system for an institute that will be deployed on the web, so as to ease/speedup the admission process (PCI). This software will create a video communication channel through which the faculty (interviewer) will be able to assess the student/applicant (interviewee) and shortlist him for admission to the institute.

Goals

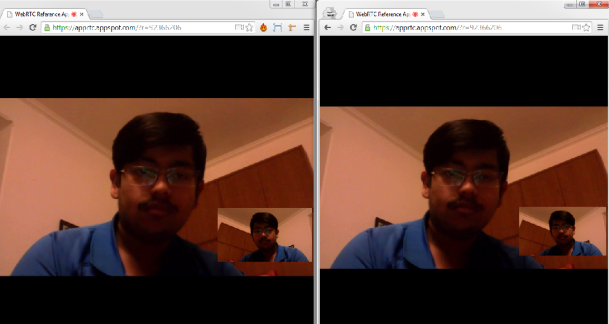
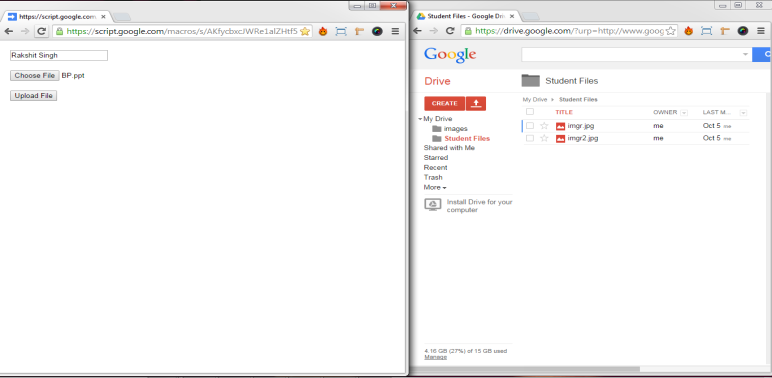
The software/system should have the following features/properties:

* Developed for the web (internet), i.e. a Web App.
* Be cross compatible i.e. compatible across multiple browsers.
* Be open source.
* Have a GUI (graphical user interface) that is user friendly.
* Connection to the client (applicant) should be via a hyper-link that the server (interviewer) provides.
* Must be safe and secure.
* Options for one to one and group conference.
* Questionnaires fill up option.
* Document Sharing mechanism.
* Chat Box.

Current Scenario

* Selected WebRTC as the platform.
* Selected GoogleDrive for data storage.
* Selected Google Forms for questionnaire.
* Started testing the above mentioned.



Timeline

Phase 1

Requirements – Gathered requirements from customer.

Research – Looked for best available technologies and platforms to support our cause. Finally, narrowed down to WebRTC and GoogleDrive.

Design-Crude Prototyping – Basic video conferencing app and basic file uploading to google drive mechanism.

Phase 2

Implementing phase – Coding and designing the functionalities, modules and developing the GUI.

Finalizing the requirements phase i.e. the prototyping and moving towards stability, testing and maintainability of the project.

Phase 3

Testing phase – Testing the project for all bugs and errors.

Hosting project on github and providing 3rd party support.

Phase 4

Finally publishing the project and hopefully getting a good grade.

Maintaining the project via github.