**Feature of SecurePro**

**Exam Taker Account**

1. Exam deployed over a network (internet or Intranet)
2. Biometric Authentication when logging as an exam taker
3. Password authentication
4. Schedule date and time for exam
5. Email alert of Date and time for exam
6. Video communication and real time chat with a virtual Invigilator
7. Online Check-in of student
8. Timing restrictions
9. Randomization of Questions
10. Ability to resume/system restore in case of power outtage
11. Exam taken in safe mode (Full Screen feature)
12. Mouse right click disabled to prevent reload, view page source or inspect selection
13. Multi choice question and answer selection

Proctor Account

1. Screen control of the exam-taker PC
2. Monitor student via webcam all through the exam
3. Ability to end exam when cheating is observed

Assessor Account

1. Ability to create exams
2. Ability to match Proctor to Students

Future works

Examtaker

1. De-activation of key combinations e.g Ctrl -C, Ctrl-P, Start task manager
2. Exam check in procedure (minimum of 5 face capture)
3. Face tracking of exam taker and error flag when cheating is identified

Proctor

1. Ability to reschedule exam

Monday, 12noon Unity Building

Instruction

A proctored exam software to demonstrate the effectiveness and usability of SecurePro by the proctors and exam takers.

General Assumptions:

1. The exam is taken at the convenience of your home, office, or school.
2. The exam is deployed online, via the internet.
3. An exam CSC 101 has been created by your assessing organization/school
4. You scheduled the exam earlier before today.

General

1. Turn on your webcam, and Connect to the hotspot named U
2. Open your web browser and type in the url -----

Assessor

1. Create an Exam
2. Assign proctor to students after proctor and students have created an account. ***(perform this after exam taker step 1 and 2, and proctor 2 has been done.)***

Exam taker

1. Create an account
2. Schedule an exam for today, Monday 8 by selecting the course code---
3. Log out
4. Log in as an exam-taker using your username and password
5. Connect to ur webcam and u will see your assigned proctor.
6. Download and install teamviewer
7. Relinquish control to proctor
8. Start check in, take at least 5 pictures of your face
9. Start exam

(Error conditions- a student should try to leave the seat (Observe flag)

(Student should try allow another person to take exam(Observe flag)

(Student should try key combinations, right click, ctrl s,p etc)(Observe action)

1. End exam

**Proctor**

1. Create an account
2. Login after assessor has assigned proctor to student (***perform this after assessor step 1 and 2 has been accomplished)***
3. Connect to ur webcam and u will see the student.
4. Download and install teamviewer
5. Get control of student screen
6. Check in student(Name, check environment, scan the room by telling the student to turn around with laptop, everything okay?) Tell student to take at least 5 pictures of their face. click start exam when satisfied.
7. Monitor student.
8. End exam

Screenshots or pictures to take

Manual testing conditions

Proctor - <https://goo.gl/KbwxAV>

Examtaker - https://goo.gl/RE7CyQ