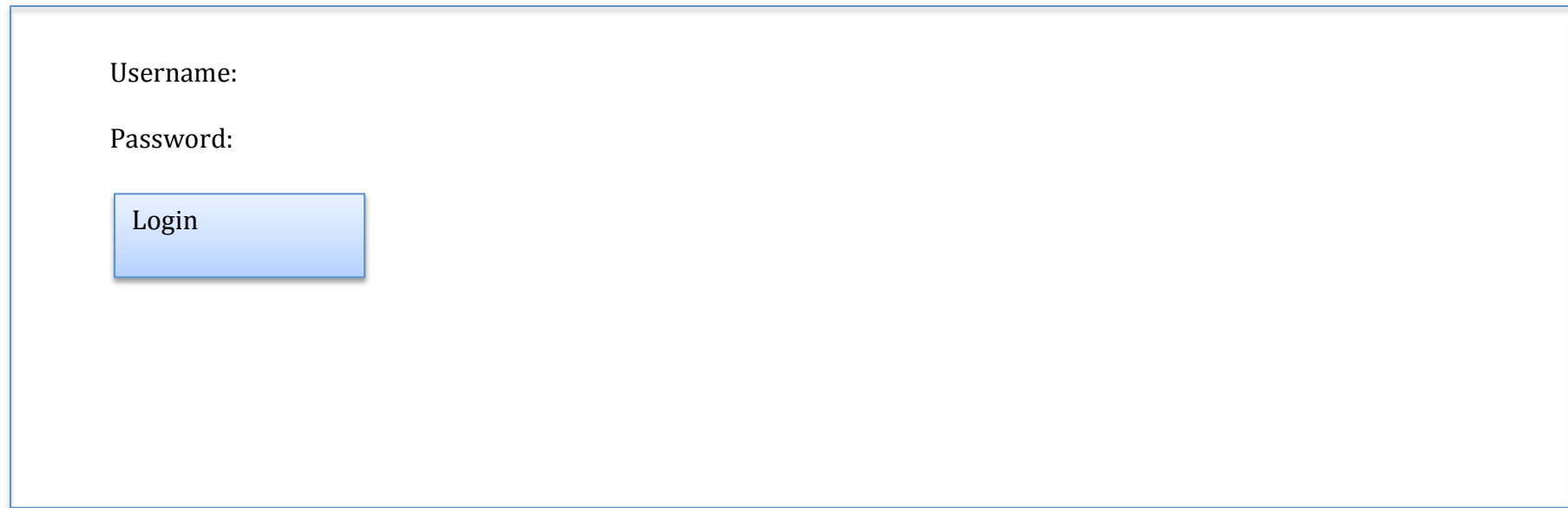


BACKGROUND

We will host the experiment here: <http://behavioraleconresearch.org>

We are recruiting people (“subjects”) to work on a task for two stages where they make a choice about how they work. They will be paid for their work (which is a typing transcription task) in this experiment. Some of the subjects will work in an office (type =1, 3) and some will work wherever they want (type=2, 4)

LOGIN SCREEN



Username:

Password:

Login

Just a basic login – we need four types (player 1, player 2, player 3, player 4) of logins and individual specific passwords

Ex. Login: password

Player 1: pass1, pass2, pass3, pass4, etc. (65 passwords)

Player 2, pass5, pass6, pass7, etc. (65 passwords)

Player 3: pass8, pass 9 (20 passwords)

Player 4: pass10, pass11 (20 password)

We'll need 170 individual logins

Once a subject logs in, depending on login name (player 1, player 2, player 3, or player 4), record type (type ==1, type==2, type==3, type==4), and give unique subject id

Start tracking subject's location in the program after login so if browser disconnects, subject connects back to same spot and make it impossible to go backwards in browser. There are two main purposes for this. 1) We do not want subjects to be able to disconnect and then reconnect as a different user so they can make more money in a different profile and 2) should they have a problem and they get disconnected, we do not want them to have to go through the initial rounds again.

I (Krista) actually have an old file that did the login and keeping people from going back before (a couple of php files), let me know if you want to see this?

INFORMATION SCREENS

Basic information, consent

Continue

If you can just make a three blank introduction/instructions screens to progress through – I may need to add more instructions screens later

The game is based around this otree program (real effort transcription) task:
<http://otree-demo.herokuapp.com/SessionStartLinks/232/>

PRACTICE:

Transcription task

Please transcribe (that is copy) the text below into the input field. Be exact and make sure to get all characters and spaces co

Revealed preference

Account A pays \$.10 per correct answer

Submit Account A

Your answer was wrong, please retry (this shows only in case of submitting wrong, goes away if correct and number code, and letter code updates)

Correct answers submitted to account A: #

Continue

This is the practice screen for participants. They can practice up to 10 transcription tasks (that are the same for everyone). This is the same game they will play for the entire experiment (it can be the “real effort transcription task” that is already programmed in o-tree on the demo page, just need to add extra details)

If they practice all typing tasks (10), practice has ended and they should be instructed to press continue. They don’t have to practice, they can just press continue to exit.

Save to database: # correct to A, # of attempts to account A,

BEFORE ROUND 1 OF WORK

You are about to enter into a 5 minute work phase. You will be asked to transcribe text, the same task as in the practice round you just completed

Press the Start Work button to begin.

Start work

The above is the pause screen between each work phase. The clock doesn’t start until they press “start work.”

ROUND 1

Transcription task

Time Left: **5:00**

Please transcribe (that is copy) the text below into the input field. Be exact and make sure to get all characters and spaces correct.

Revealed preference

Account A pays \$.10 per correct answer

Submit Account A

Your answer was wrong, please retry (this shows only in case of submitting wrong, goes away if correct and number code, and letter code updates)

Correct answers submitted to account A: #

Participants will enter this stage and work on transcription tasks for 5 minutes. The task can be based on an algorithm that generates random strings of characters (codes) for them to type in – random combinations of 15 letters and 5 numbers (e.g. X 5 GHEC 6 7 NVVI 0 P 7 DGHEW). Once they enter this screen, they have 5 minutes until they are automatically booted out. They will be paid for each correctly translated code. The wage for all correct answers submitted to account A is \$0.10 per correct answer.

Total earnings = (wage for each correct answer submitted to A = 0.10) * (# correct to A)

Save to database: time of entry into page, # of attempts for account A, # correct for account A (make sure we know variables are different from practice round. Possibly, the variables can be stored in the database by “period” where period 0 is the practice round, period = 1 is this round, period 2 is the first 20 minute round, and period 3 is the second 20 minute round.), total earnings for account A

RESULTS 1

Results:

In this last round you finished the following work:

Correct answers submitted to account A: #

Your earnings for last round are: #

Continue

The above is the results screen after the 5 minute work round – they should be automatically directed here after 5 minutes.

CHANGE IN GAME INFORMATION SCREENS

The work you will perform in the next round will be the same, but you will now be placed into a group of 3 working on the same project. To see how this changes the work screen, please press continue

<Conditional text that changes based on type 1, type 2, type 3, type 4>

Continue

SAMPLE SCREENS (2)

Transcription task

Time Left: 19:03

Please transcribe (that is copy) the text below into the input field. Be exact and make sure to get all characters and spaces correct

Revealed preference

Account A pays \$.10 per correct answer

Account B pays \$.23 per correct answer

Submit Account A

Submit Account B

Your answer was wrong, please retry (this shows only in case of submitting wrong, goes away if correct and number code, and letter code updates)

Correct answers submitted to account A: #
Correct Answers submitted to account B: #

Notice that you now have the ability to contribute your work to the team in account B

All answers submitted to account A continue to pay you \$.10 per correct answer. Any answers you submit to the team will be added to the other answers you teammates enter and these will be paid \$.23 per answer. The difference is now instead of earning all of this, you will split all earnings with your teammates.

This is a flat screen, they won't be able to input anything here – we'll just add in explanations, also need to add a "continue when you have finished reading this information" button – at the top of the screen, we need a single line of text that changes based on type <type 1: text type one sees...; type2 text that type 2 sees...; type 3: text that type 3 sees...; type 4: text that type 4 sees...>

Transcription task

Time Left: 19:03

Please transcribe (that is copy) the text below into the input field. Be exact and make sure to get all characters and spaces cc

Revealed preference

Here are how the new pay rules effect you. Suppose you type 10 correct for account A (individual account) and 10 for account B (team account). Suppose also that your two partners contribute 15 and 11 to account B.

Your total earnings for account A are $10 \times .10 = 1.00$

The team earnings for account B are $10 + 14 + 11 = (35 \times .23) = 8.05$ and your share of earnings is $8.05/3 = \$2.68$ (your partners will also each earn \$2.68 each

So, your earnings for the round will be $1 + 2.68 = 3.68$

Account A pays \$.10 per correct answer Account B pays \$0.23 per correct answer

Submit Account A

Submit Account B

Your answer was wrong, please retry (this shows only in case of submitting wrong, goes away if correct and number code, and letter code updates)

Correct answers submitted to account A: #

Correct Answers submitted to account B: #

Again, just a flat screen, they won't be able to input anything here – we'll just add in explanations, also need to add a “continue when you have finished reading this information” button. At the top of the screen, we need a single line of text that changes based on type <type 1: text type one sees...; type2: text that type 2 sees...; type 3: text that type 3 sees...; type 4: text that type 4 sees..>

BEFORE ROUND 1 OF WORK

You are about to enter into a 20 minute work phase with your two partners.

Press the Start Work button to begin.

<type 1: text type one sees...; type2: text that type 2 sees...; type 3: text that type 3 sees...; type 4: text that type 4 sees..>

A rectangular button with a light blue gradient and a thin blue border. The text "Start work" is centered on the button in a black, sans-serif font.

The above is the pause screen between each 20 minute phase. The clock doesn't start until they press "start work."

ROUND 2

Transcription task

Time Left: 19:03

Please transcribe (that is copy) the text below into the input field. Be exact and make sure to get all characters and spaces correct.

Revealed preference

Account A pays \$.10 per correct answer Account B pays \$0.23 per correct answer

Submit Account A

Submit Account B

Your answer was wrong, please retry (this shows only in case of submitting wrong, goes away if correct and number code, and letter code updates)

Correct answers submitted to account A: #

Correct Answers submitted to account B: #

Participants will enter this stage and work on transcription tasks for 20 minutes. The task can be based on an algorithm that generates random strings of characters (codes) for them to type in – random combinations of 15 letters and 5 numbers (e.g. X 5 GHEC 6 7 NVVI 0 P 7 DGHEW). Once they enter this screen, they have 20 minutes until they are automatically booted out. They will be paid for each correctly translated code. The wage for all correct answers submitted to account A is \$0.10 per correct answer.

Total earnings A = (wage for each correct answer submitted to A = 0.10) * (# correct to A)

Share of total earnings B = (wage for each correct answer submitted to B = 0.23) * (# correct to A)) / (3 = number of team members)

Save to database: time of entry into page, # of attempts for account A, # correct for account A, # of attempts for account B, # correct for account B, total earnings for A, share of earnings for contribution to B

At the top of the screen, we need a single line of text that changes based on type <type 1: text type one sees...; type2: text that type 2 sees...; type 3: text that type 3 sees...; type 4: text that type 4 sees..>

RESULTS 2

Results:

In this last round you finished the following work:

Correct answers submitted to account A: #

Correct Answers submitted to account B: #

Your earnings from account A: \$

Your share of earnings from what you contributed to B: \$

Continue

This is the results screen after each 20 minute work round – they should be automatically directed here after 20 minutes.

BETWEEN ROUND 2 and 3 INFORMATION SCREENS

How things change information...

<type 1: text type one sees...; type2: text that type 2 sees...; type 3: text that type 3 sees...; type 4: text that type 4 sees..>

Continue

If you can just make a two blank screens to progress through

3 NEW SCREENS

1. BEFORE ROUND 3 OF WORK – same as **BEFORE ROUND 2 OF WORK**

2. ROUND 3 – same as **ROUND2**

3. ROUND 3 RESULTS – same as **RESULTS 2**

FINAL SCREENS (SURVEY)

Thank you for participating today, to finish up we just have a few last questions for you...

Question 1: (input string, e.g. name)

Question 2: (input radio – e.g. gender, 1, 2)

....

Question 20: (input number, e.g. Age)

<type 1: text type one sees...; type2: text that type 2 sees...; type 3: text that type 3 sees...; type 4: text that type 4 sees..>

Continue

This is the final screen to ask questions. We'll need to develop this, but can do at the end. It's basically just going to be a survey.
Save to database: time of entry into page, and time of exit, answer variables

Something like this already programmed in otree is fine: <http://otree-demo.herokuapp.com/SessionStartLinks/235/>

THAT'S IT! Thank you!