***Handout: how to implement a VB experiment online via oTree?***

Step 1: Install oTree on your computer/laptop

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Python Download Site: [Python 3.7 or newer](https://www.python.org/ftp/python/3.7.4/python-3.7.4-macosx10.9.pkg)

Step 2: Create a Project in oTree Studio

Open the [oTree hub](https://www.otreehub.com/) and register, then log in.

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Click on “oTree Studio”

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Click on “+ Project” to create a new project, and then click the project that you have just initiated (“new\_project” in the screenshot below).

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Step 3: Create an App for Your Project

Inside one project, you will find a list of tabs on the left, then click the “+ Apps” tab. As shown below, you are able to pick one app from the list popping out.

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If you click on the name of the app, you will then see a list of factors shown on the left. You can adjust parameters, texts, or any other factors in the experiment. For example, you can change the number of players in one group as below.

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Step 4: Drag App to Session Config

Click on the “Session configs” tab on the left, and then click the grey button “+ Session config” to create a new session.

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You can click on the blue “+” to drag one app into this newly created session.

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You can also change the name of this session by typing in the text bar highlighted in blue.

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Step 5: Running Your Project

Click on the “Download” tab on the left. Then click the green button to download your project.

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Step 6: Upload Your Project Online

Return back to the home page of oTree Hub. Then click on the “Heroku sever deployment”.

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Then click on the “Deploy”.

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Follow the instructions as shown in the blue window, to upload your project to Heroku and reset database.

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Then open your app at <https://betrand.herokuapp.com/>.

Step 7: Create an Online Experiment Session

Click on the “sessions” tab on the black bar.

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Click on the “create new session”.

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Then you can set the number of participants. When you finish all settings, click “create”.

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Step 7: Time to Game!

When you see this page, you are ready to share the link and collect data. Remember to share the “session-wide link” so that one link can accommodate all users. (ps: if you are going to share the link via WeChat, please remind the users of not directly opening the link in WeChat; instead, users are supposed to copy and open the link in his/her web browser.)You can monitor the activities and states of all sessions under “Monitor”. You can view and download the data under “Data”. Other buttons also include corresponding functions.

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