

6.813 HW2 Heuristic Evaluation

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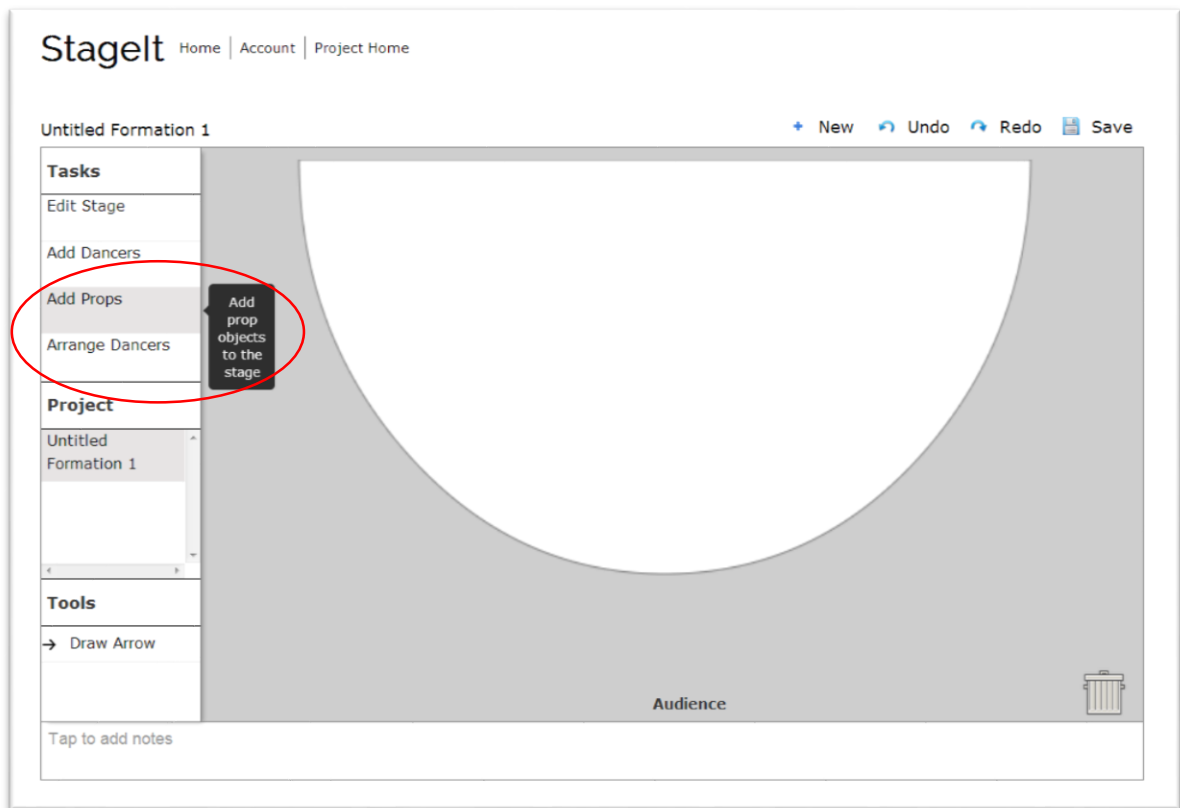
UI: StageIt

Collaborators: None

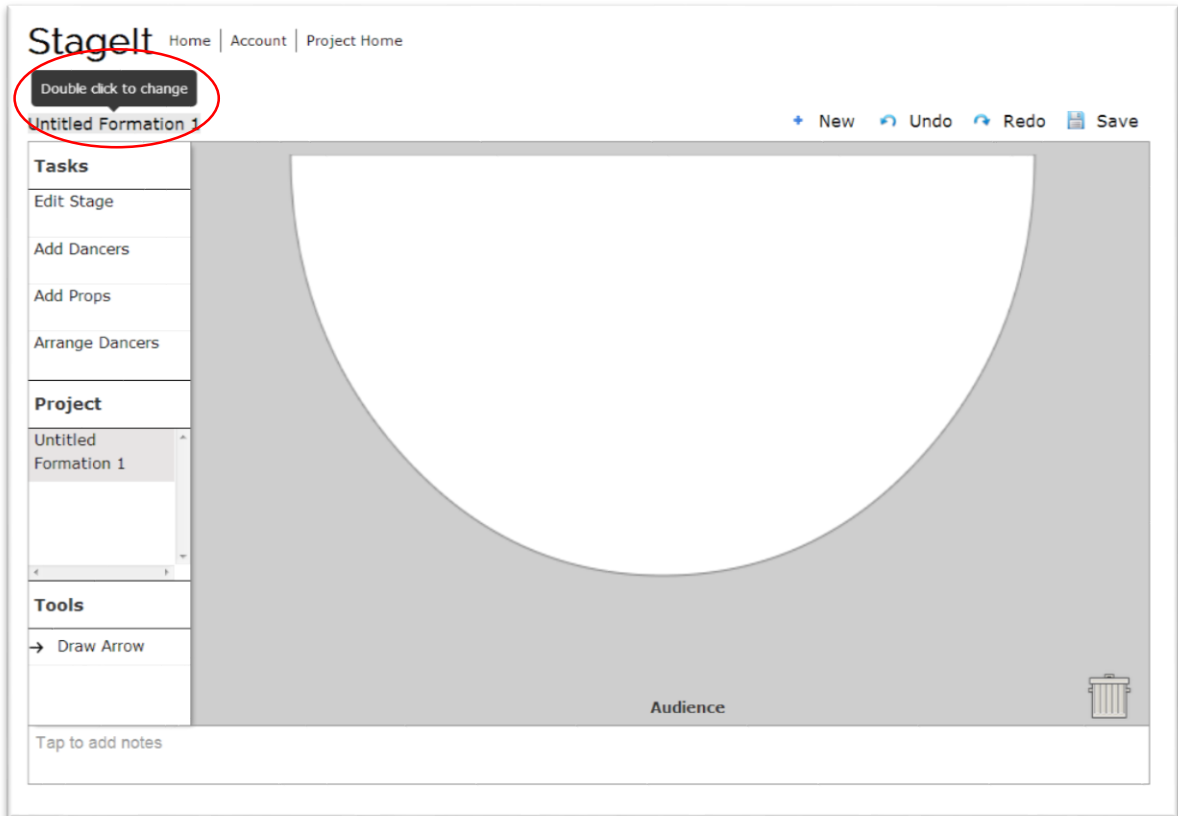
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Problems:

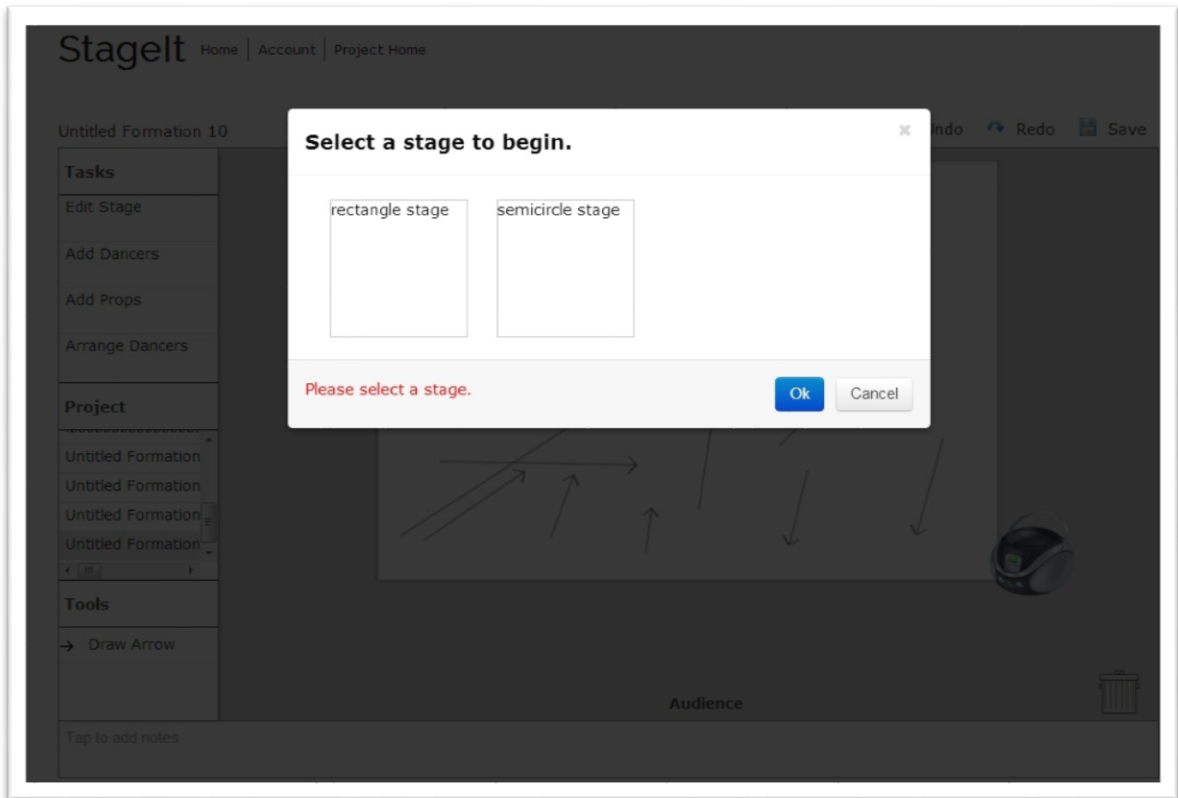
1. Minor: Not sure what “add props” mean (learnability, information scent, efficiency)
2. Major: hovering over the tasks option brings up a pop-up that looks like drop-down menus at first (learnability, external consistency)



3. Minor: Unnecessary pop-up window when hovering over title (affordance, learnability)
- Title can have better affordance of changing the text in place



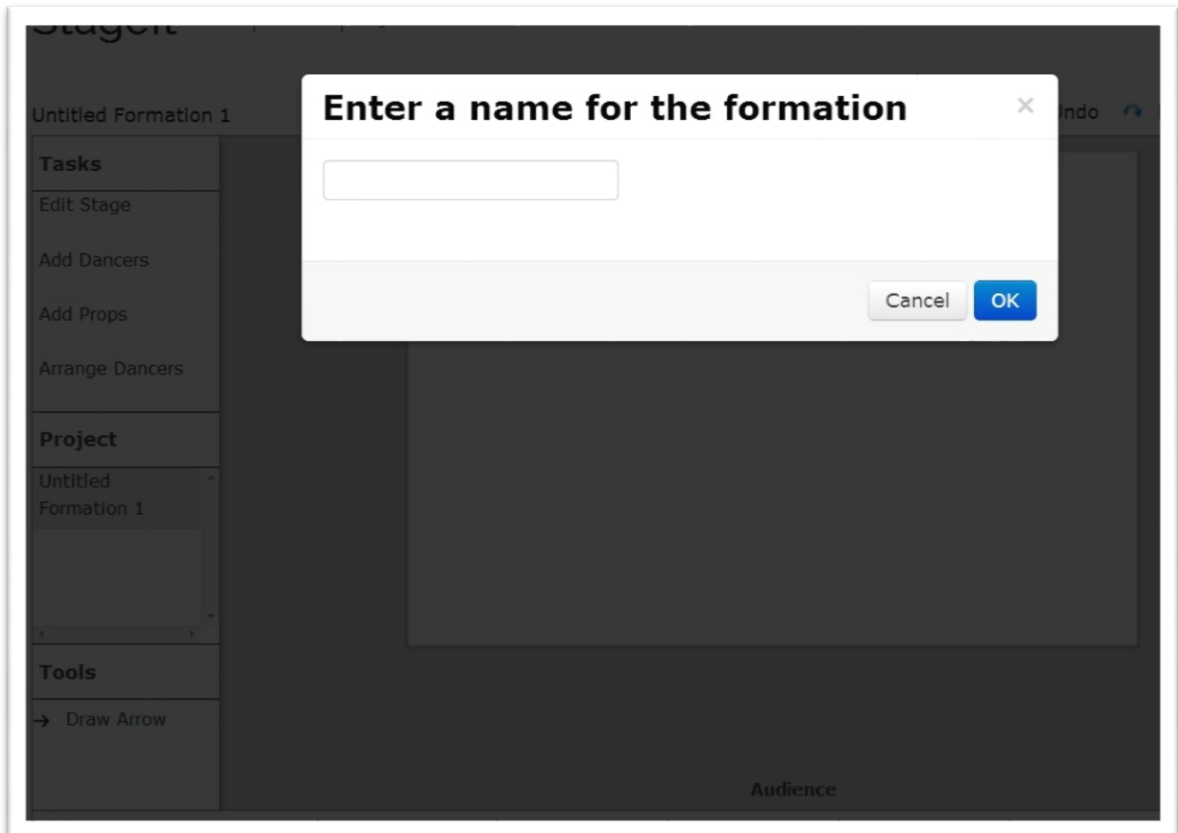
4. Minor: it is not obvious that the two stage options (rectangle and semicircle) are clickable (affordance, learnability)



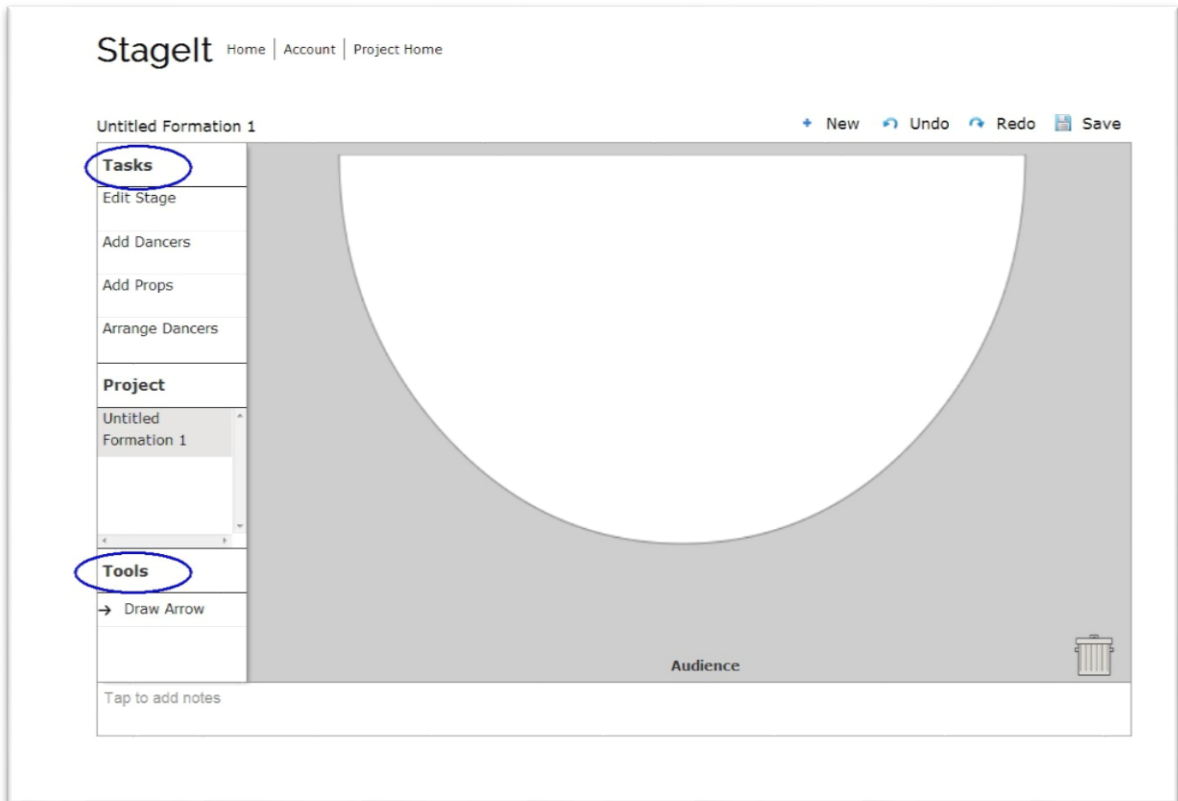
5. Major: No keyboard shortcuts (efficiency)
6. Catastrophic: **Users have to manually drag every element into the trash can when deleting (Fitts' Law, efficiency)**

7. Major: Unnecessary dialog window when click title (efficiency)
- Double click to edit, will bring up another window
 - Double-click is not correct implemented, the window comes up with single mouse click

Recommendation: could enable in place editing



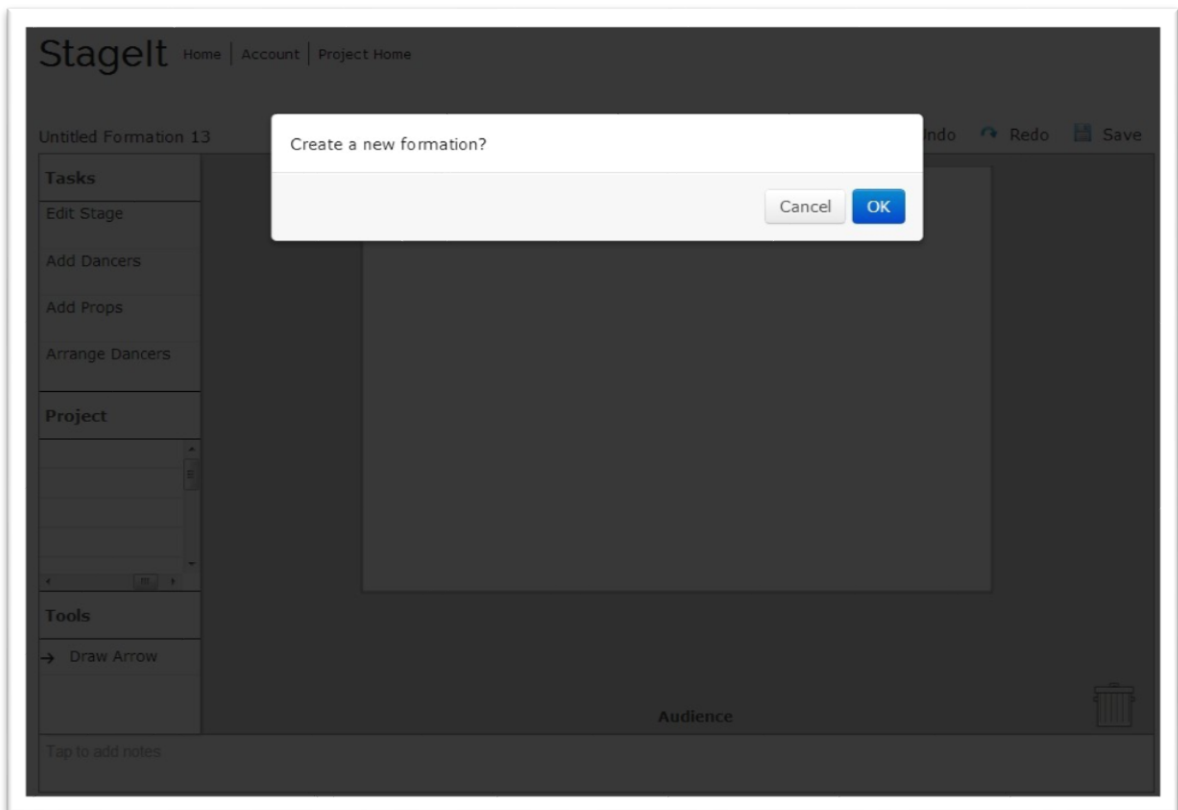
8. Minor: Tasks and Tools are closer functionality-wise but put far away (graphic design, efficiency, safety)
- Menus with similar functionality can be put closer
 - Project menu fits better if put under the project title



9. Catastrophic: **Unnecessary user confirmation dialog when click “new”** (efficiency)

- Click “new” will always bring up a dialog that ask for user’s confirmation that they want to create new project

Recommendation: a “save old project” option dialog would be better

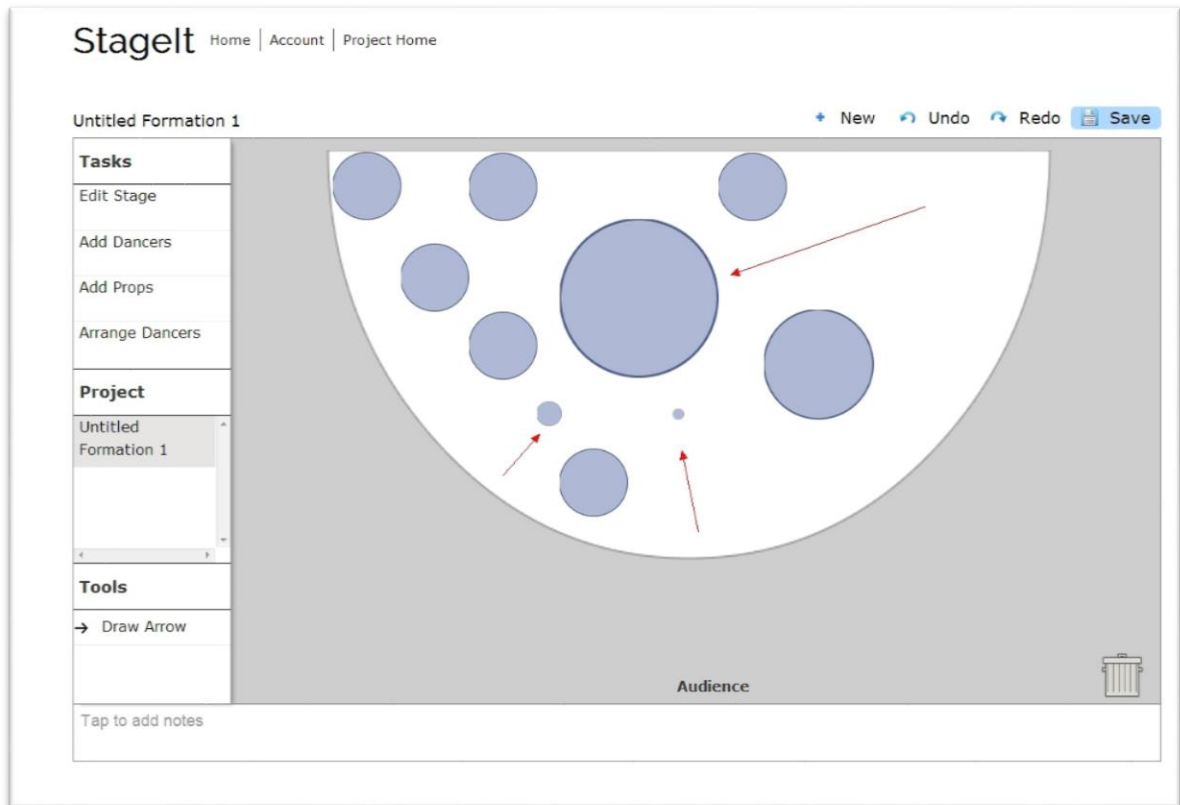


10. Catastrophic: **no “save” option when click “new”** – (safety, error prevention)

11. Major: Can’t put props near the bottom-right corner, because the trash eats it (safety, efficiency)

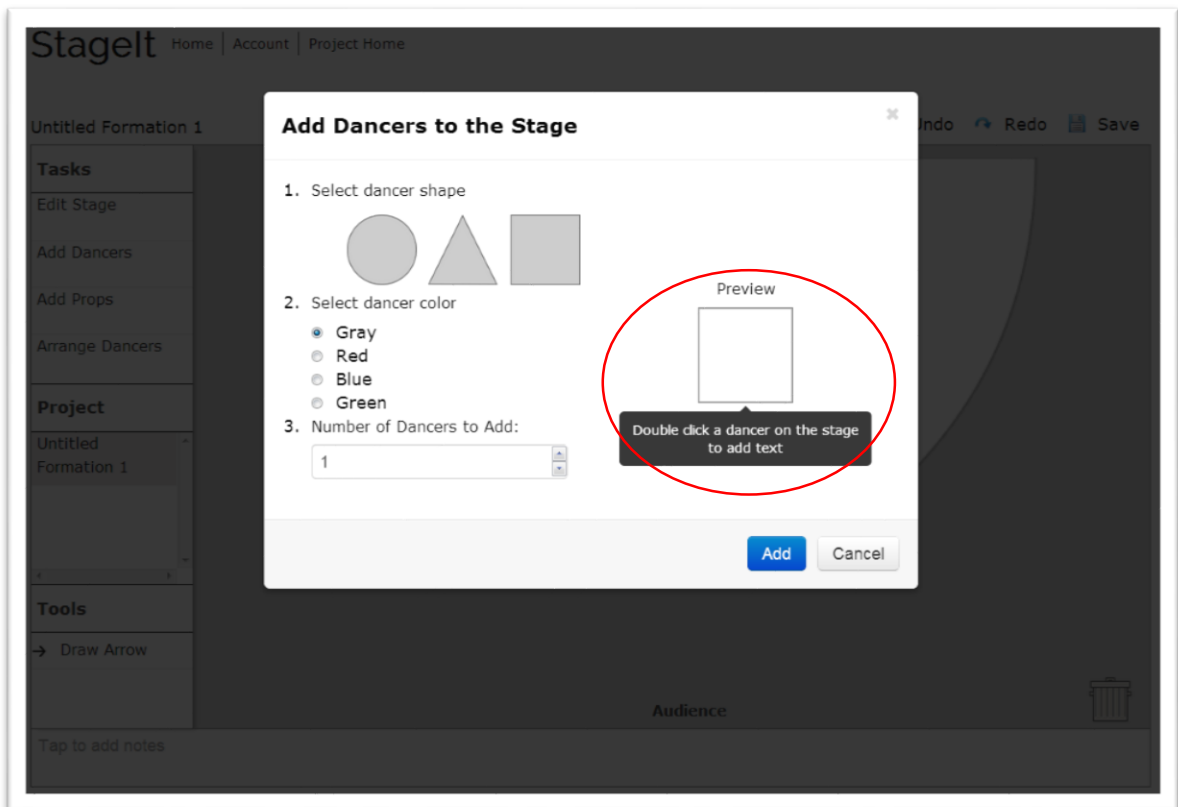
12. Minor: The shapes (dancers) can be resized (safety, internal consistency)

- Users might not understand what that mean (mental model)

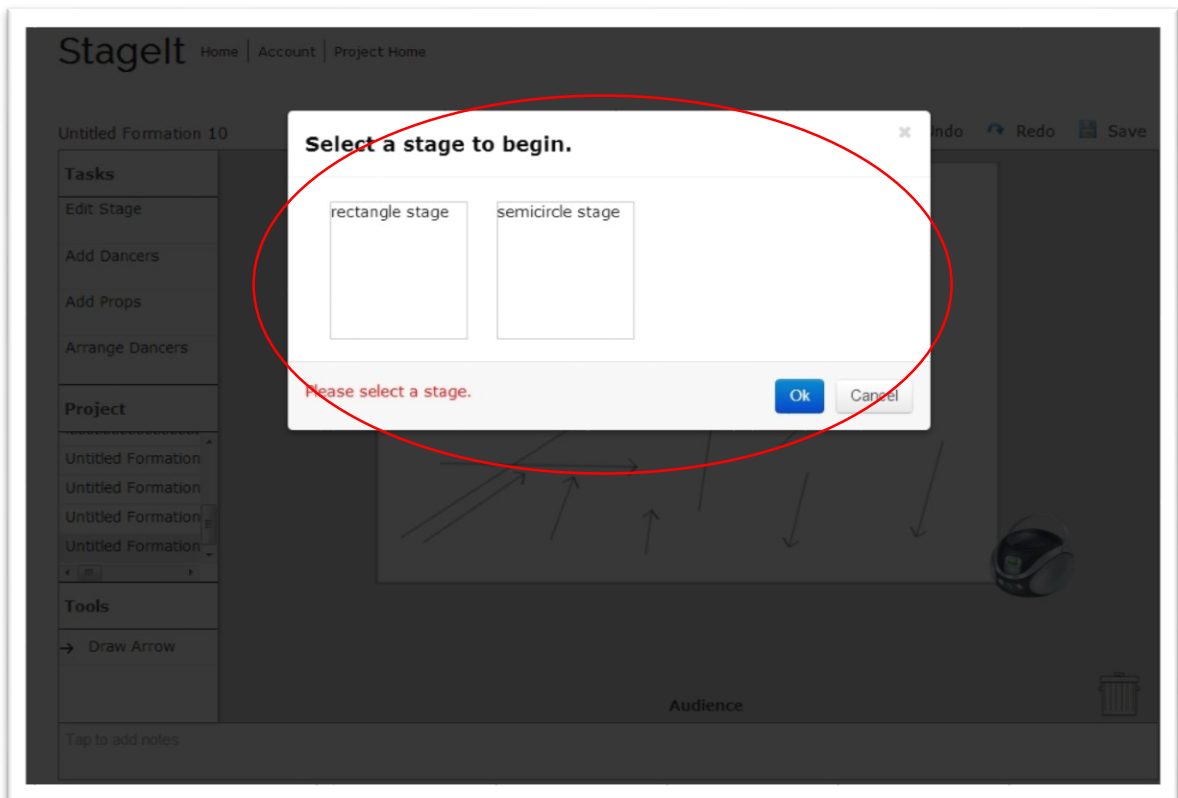


13. Major: the functionality of adding texts to the dancers is hidden (visibility, efficiency)

- Users often won't hover over the preview, and thus may never discover that functionality

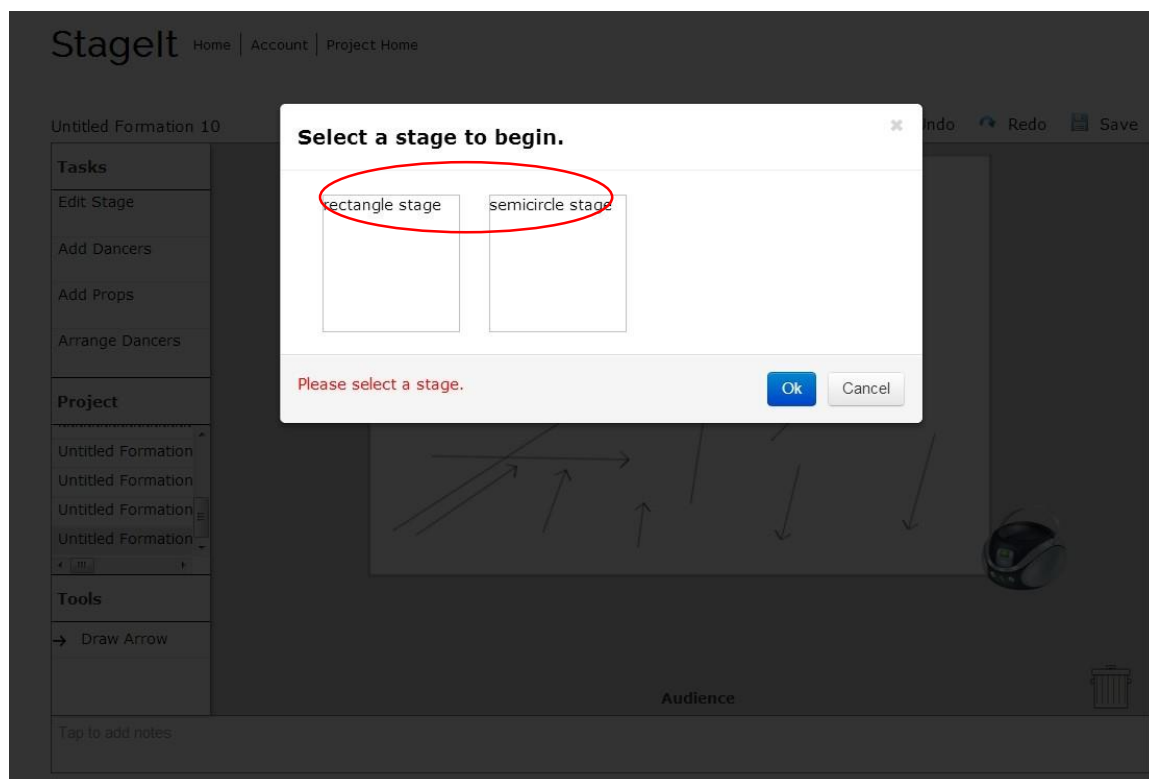


14. Minor: users have to choose a stage when user first come to the site, which could be a bit overwhelming and confusing (user control)



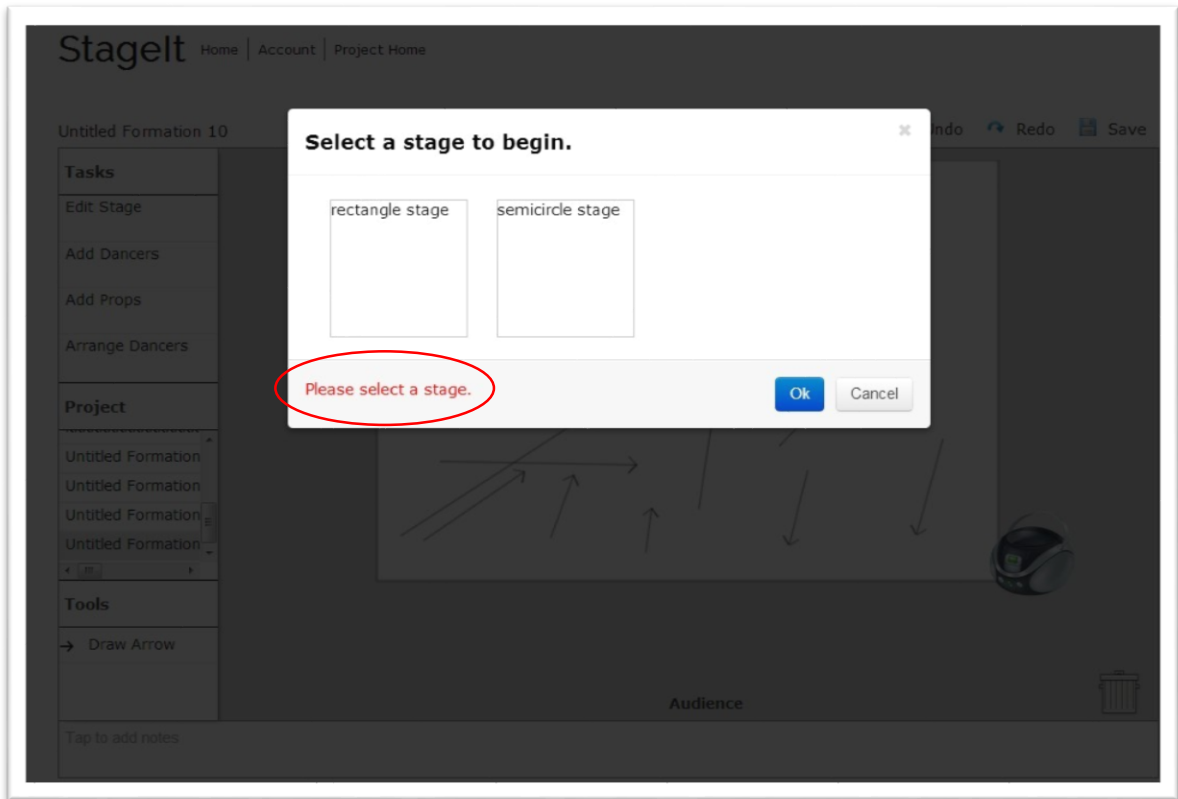
15. Minor: Texts in the stage option window are not well balanced (graphic design)
- Rectangle stage and semicircle stage are lined up on the top, easy to be skipped

Recommendation: could put the texts in the middle of the square



Good design:

1. Good external consistency for icon use (undo, redo, save)
2. Can add many dancers at once (efficiency)
3. Temporary mode for drawing arrow (safety)
4. Good mode indicator for drawing arrow (safety, visibility)
5. Good User Feedback (when no stage is chosen) (feedback, learnability) – could consider choosing a default stage for user to start with



6. Great undo/redo functionality (safety, reversibility)

Suggestions:

- 1) I wish there is a way for me to draw more arrows without having to click the “draw arrow” every time
- 2) Can have a default stage for user
- 3) A possible delete all dancers option would be great