

## Final Project, First Submission

### Objective

- Our application's purpose is to help choreographers create prototype choreographies to be implemented with real dancers.

### User Interaction

Users will be able to:

- Create multi-step choreographies
- Change variables of the choreography such as:
  - Number of dancers
  - Dance steps
  - Duration of dance steps
- Visualise a choreography of their own design
- Emulate multiple stages
- Add music to their choreographies

### Controls/shaders/libraries

- Orbital controls for the camera movement

### Similar projects

- Choreopro: Outdated choreography software with no animations and many restrictions.
- DanceForms: Choreography software, we were unable to check its features since its website has been taken over by spam.
- StageKeep: Software for creating choreographies. No animations or models, this software only keeps track of the position of dancers.