

TEAM brush



FABRICATION SPEC

- BASE** Formed out of concrete. We're going to create a mold out of foamcore, as it created the best finish to the concrete surface in our trials. We will mix quikrete with water, and pour it into the mold. After it has dried, we will sand off excess material to perfect the shape.
- BODY** Created from folded paper. We have a paper folding pattern that we printed out onto an 11 x 17 size piece of paper. Following this pattern, we folded the paper to create the main form of the body. This pattern will be traced onto washi paper - which is translucent and will diffuse the light coming out of the lamp.
- CAP** Formed out of concrete. We're going to create a mold out of foamcore, as it created the best finish to the concrete surface in our trials. We will mix quikrete with water, and pour it into the mold. After it has dried, we will sand off excess material to perfect the shape.
- SPRING** We needed a custom sized spring for our lamp, and couldn't find a premade one to source. We created our own by wrapping galvanized steel wire around a pvc pipe.

COMPONENTS SPEC

- 12v White LED strip (1 m)
- LED connector clip
- Push button switch (on/off)
- AC adapter (12v 1.5A)
- Wires
- Spring

SCHEDULE

	DUE	TASKS
WEEK 12	Continue working on final deliverable (prototpye, poster, blog)	refine the previous model build the final model test the final model
	DAILY	SOLIDSPACE
WEDS	Creating multiple molds for our base to be made from concrete	Meeting with Maja for further advice on concrete
THURS	Testing different concrete mixes at home individually	
FRI	Waiting for concrete to dry Sourcing any missing parts	
SAT	Meeting to see concrete test results and build model	
SUN	Finalizing internal placement of components with material	
MON	Updating blog and finalizing written content	Booking meeting with Maja in case concrete forming doesn't work
TUES	Leaving this day as a provision in case we need more time	
WEEK 13	Final blog Working Prototype Poster	Finishing touches Refine interactions

SKETCHES

