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Final Project Overview

Representative Screenshot:



Overview: Our project, “yARN dye”, aims to helper members of the Making and Knowing lab, regardless of experience level, understand the materials, interactions, and steps that go into the yarn dyeing process. First, the user can utilize “Free-Play Mode”, where more-experienced users who know the dyeing process well can test combinations of dyes and mordants to see their result and brush up on the process’s steps. Second, we give them “Walk-Through Mode”, where less-experienced users utilize a tangible user-interface and are led step-by-step through the yarn dyeing process to mimic the real process before doing it in the lab. By using our app, we hope users gain an appreciation for the details behind yarn dyeing and are inspired to take their interests further by joining the Making and Knowing lab.

Permission: Oliver Baltay, Jet Harper, Neil Kumar, and Yogi Mutneja are willing to have their names appear next to their presentation of their work on the project web page and video for COMS 4172.