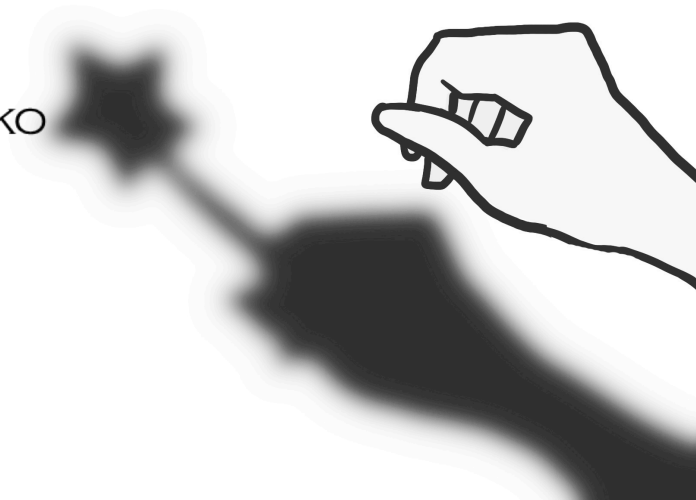
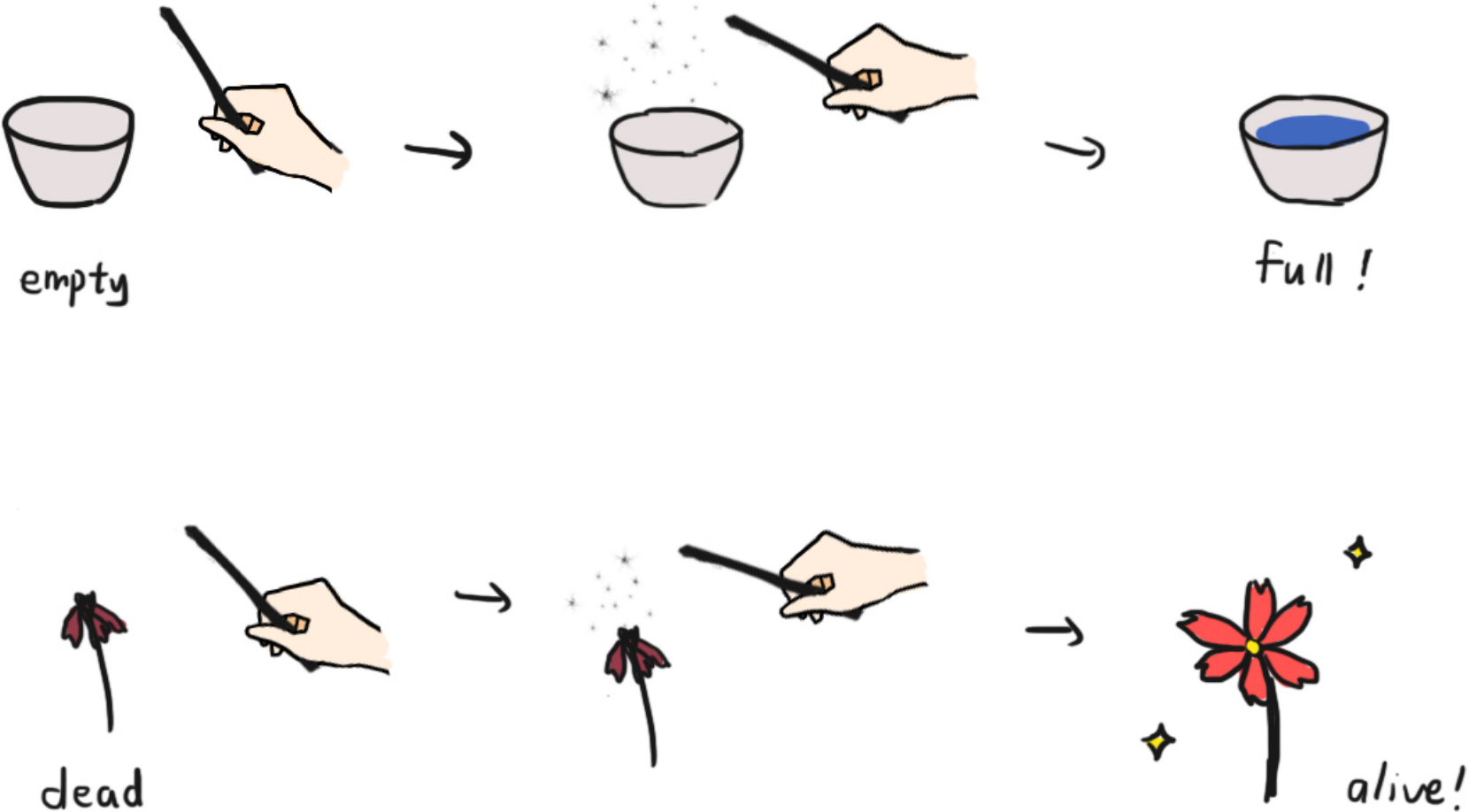


The Wizard

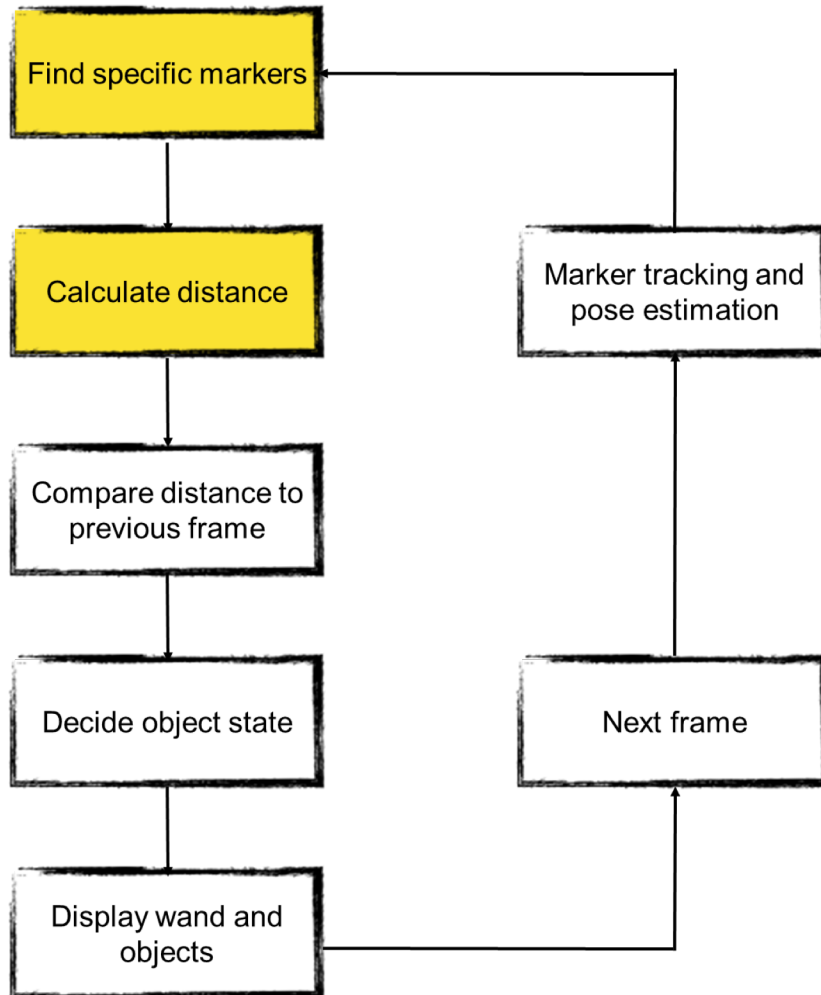
TEAM MEMBERS: XU RUOPENG
TANAKA YUKA
WANG YUKE
SAITO TATSUHIKO



Ideation



Simplified workflow



Find specific markers:

- 0x21EE for wand
- 0x14B7 for cup
- 0x1d59 for flower

Calculate distance

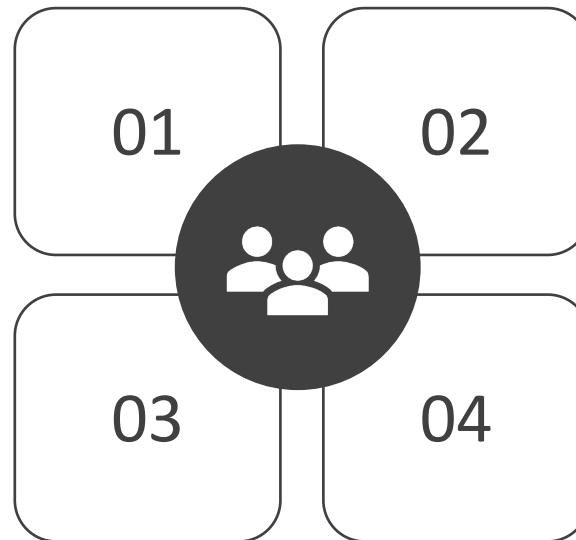
- Offset = from wand center to marker center
- Center_distance = from marker_1 center to marker_2 center
- Distance = Center_distance + Offset

Tanaka Yuka

In charge of coding for detecting the distance between markers

XU Ruopeng

In charge of making the magic wand and pose estimation



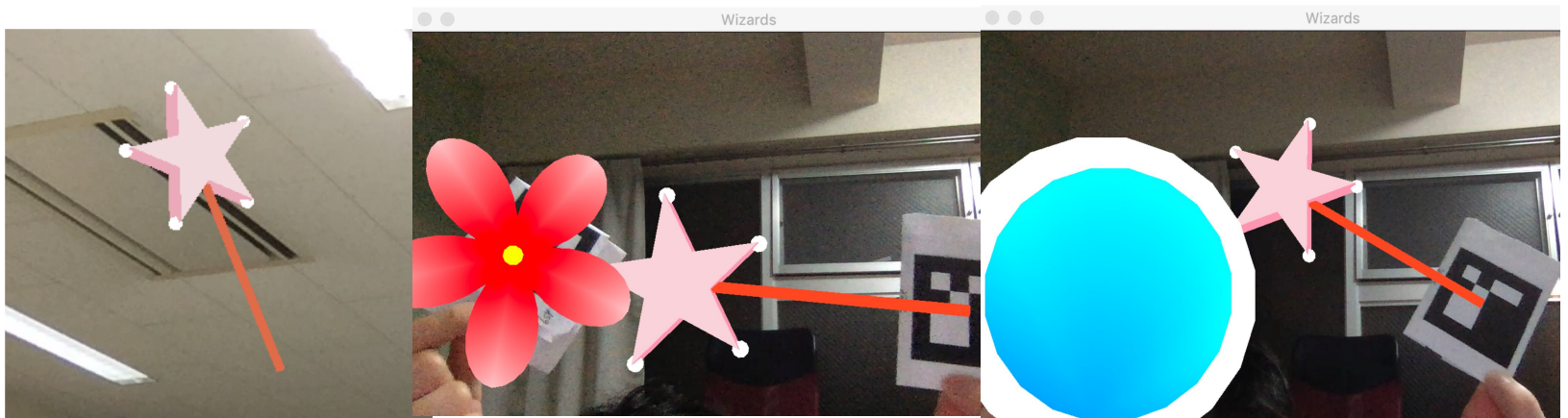
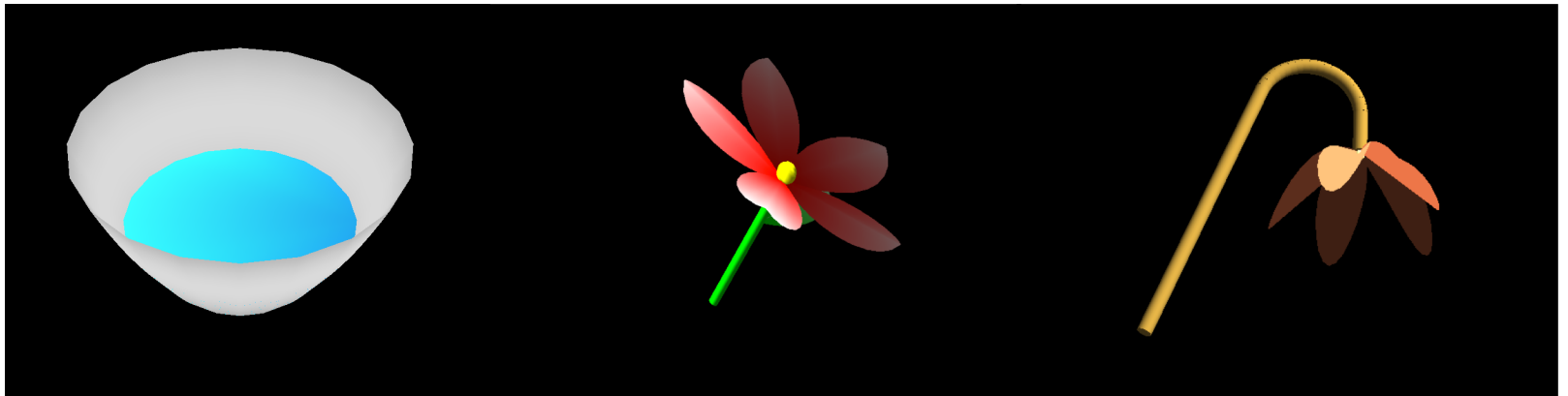
Saito tatsuhiko

In charge of making the dead and alive flower models

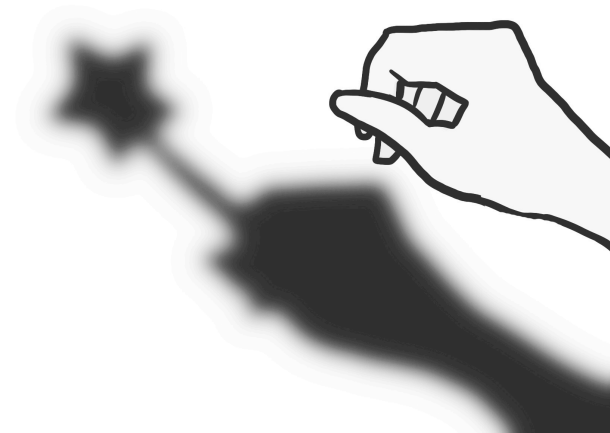
WANG Yuke

In charge of making models of the cup/water and slides for presentation

The Wizard



Demo time



**Thanks for
listening !**