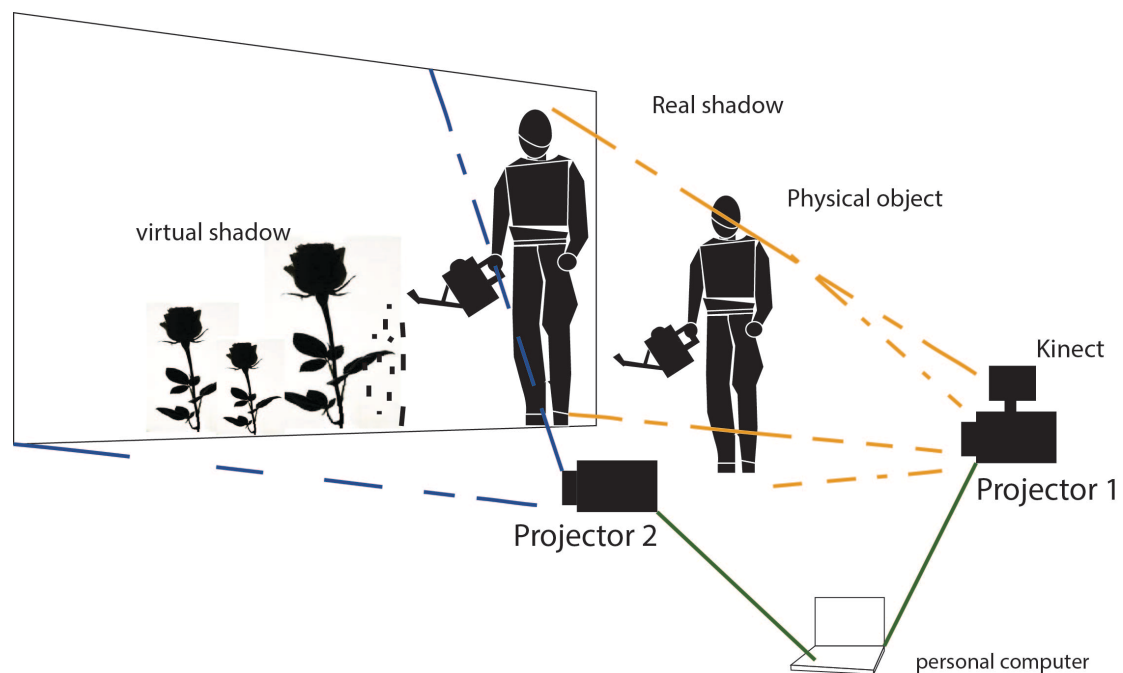


a. Plan A

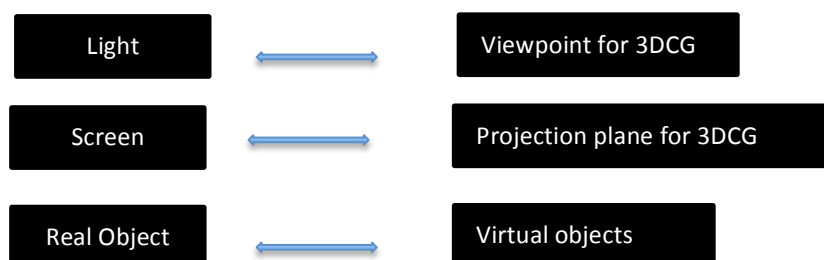
- I. Installation Planning
 - Floor plan



a. Plan A

- I. Installation Planning
 - Interaction flow

- Scanning real shadow physical object (human holding watering flower bucket) for real shadow with Kinect and recognizing them.
- Constructing scene
- Generating virtual object for virtual shadow
- - Tilt the watering flower bucket virtual \Rightarrow water & roses growing



How it works?

- Audience will take the watering flower bucket standing in front of projector 1 to create real shadow on the screen. Later the Kinect will detect the real shadow and a water shadow will come out from the screen after the water finish for few seconds the flower rose will grow.

a. Plan A

ii. Installation Planning

- Technical Specification

i. Software

- Visual Studio
- Processing

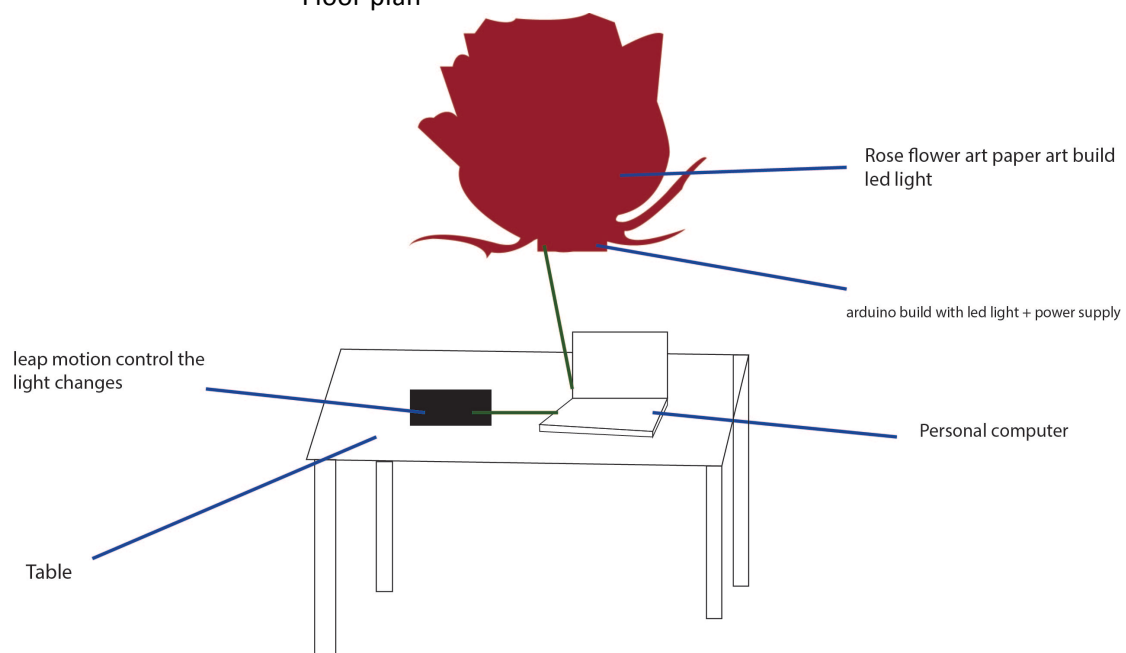
ii. Equipment & Budgeting

Equipment	Budgeting
2 Projector	Borrow from university
Personal Computer	Own
Kinect	Borrow from faculty
Total	RM 0.00

b. Plan B

I. Installation Planning

- Floor plan



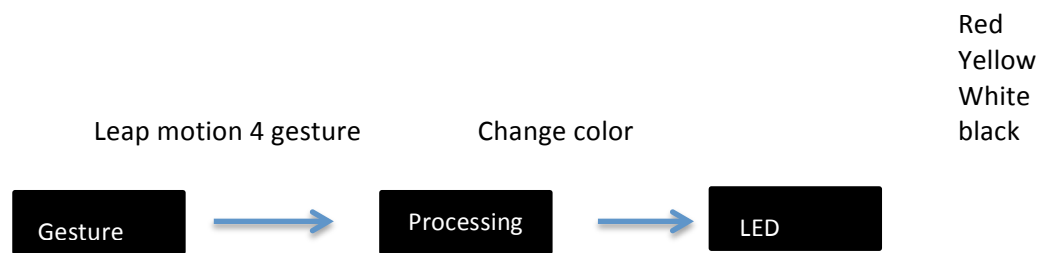
b. Plan B

I. Installation Planning

- Interaction Flow

- The leap motion control the changes color of the flower roses

How it works



- Audience will move their hand into 4 type of gesture up, down, left & right. All these type of gest has been set into 4 type of color that define the famous color of roses which is red, yellow, white & black.
- The first gesture that audience will do will determine what color roses they are.

b. Plan B

ii. Installation Planning

- Technical Specification

i. Software

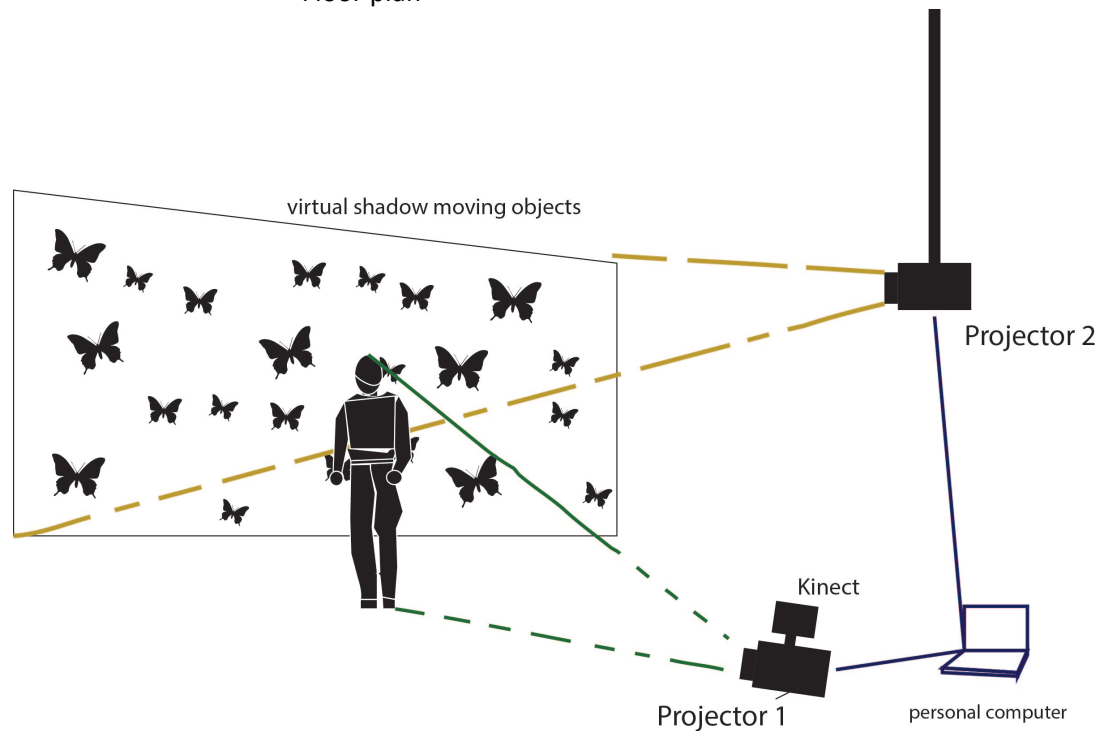
- Arduino IDE

ii. Equipment & Budgeting

Equipment	Budgeting
Arduino KIT	RM204.00
Personal Computer	Own
Leap motion	Borrow from faculty
Usb cable	Own
Flower art diy	RM200.00 (APPROXIMATELY)
Glue & Scissor	own
Total	RM 404.00

b. Plan C

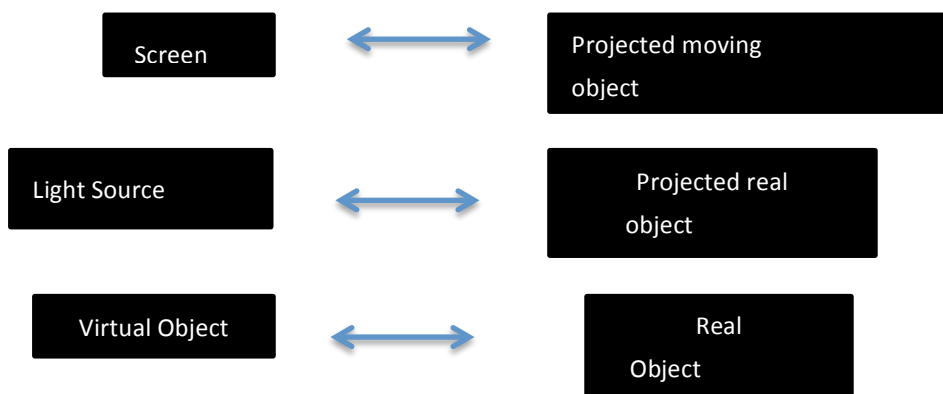
- I. Installation Planning
 - Floor plan



c. Plan C

- I. Installation Planning
 - Interaction Flow

- Moving object such as butterfly shown on screen.
- Scanning the real shadow the butterfly attract to the shadow



- A projected moving object (butterfly) will shown on the screen , moving repeatedly then audience stand infront of the screen the shadow of the audience will be shown on the screen. The moving butterfly will attracted to the audience shadow and went t the shadow. If the shadow move form the screen the butterfly will randomly fly again.

c. Plan C

ii. Installation Planning

- Technical Specificatio

i. Software

- Visual Studio
- Processing

ii. Equipment & Budgeting

Equipment	Budgeting
2 Projector	Borrow from university
Personal Computer	Own
Kinect	Borrow from faculty
Total	RM 0.00