

# CS5245 Vision and Graphics for Special Effects

## Project Proposal

**Title:** *Super Potion*

**Team Member:** Li Zhongyan (HT072303A)

Sun Hao (HT072318E)

Pi Yi (HT072311Y)

**The Effect:** muscle expanding and shrinking

### **Implementation:**

We will do this by creating a 3D model on an actor, whose muscle will be expanded after taking some medicine and shrink back again.

The model of the muscle body will be created, and this model will be bound and composited with the real body of the actor in the film.

### **Scenario:**

A thin guy makes an appointment with a girl for swimming. But at the swimming pool the girl is attracted by a muscle guy.

The thin guy feels jealous and takes some potion, which converts him to a strong guy.

The girl comes back to him again. But at this moment, his muscle begins to shrink and becomes the original status.

## Storyboard:



1) The thin guy looks around to find the girl. (Wide shot, zooming in to capture the girl)



2) The girl with a buoy is also looking around. (Mid shot)



3) The girl looks at the thin guy. (Wide shot)



4) The girl turns to a strong guy beside the thin guy. (Mid shot)



5) She chooses the strong one, walks to him. (Wide shot, until the girl reaches the guy)



6) The thin guy is jealous and takes a bottle from his bag. (Mid shot)



7) The bottle with the name "Magic Potion". (Close up shot, zooming in to capture the name )



8) The guy spills the liquid to his hand. (Mid shot)



9) He puts the liquid on his arm from wrist to elbow. (Close up shot, the arm starts to expand with the potion)



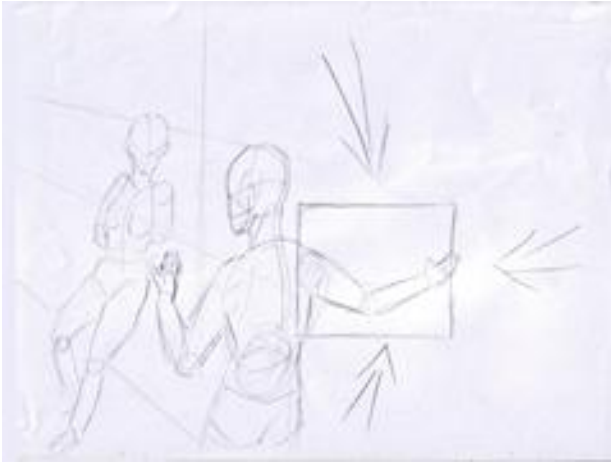
10) The guy swills the potion. (Mid shot)



11) Then he squats and is converted by the potion. (Close up shot, muscle expanding)



12) He stands up and turns to a very strong guy. (Mid shot)



13) Finally he gets the girl. (Mid shot, zooming in to capture the right arm of the guy, the muscle shrinking )



14) The bottle with the name "Magic Potion". (Close up shot, show the words "time limit: 30 sec" )

### Task distribution:

#### *Li Zhongyan*

- Compositing
- Animation of muscle rigging and shrinking

#### *Sun Hao*

- Plot / Storyboard
- Modeling, texturing, animation of muscle rigging and shrinking

#### *Pi Yi*

- Camera and Video Shooting
- Animation of muscle rigging and shrinking

## Schedule

No.	Week	Event
1	Week 6	Submission of Project Proposal; Storyboarding
2	Week 7	Filming of footage
3	Week 8	Creation of muscle texture
4	Week 9	Creation of muscle texture ; Submission of Progress update 1
4-5	Week 10-11	Animation of muscle expanding and shrinking Submission of Progress update 2
6	Week 12	Final updates and composition
7	Week 13	Project submission and presentation