CS5245 Project Proposal

Title: "Just Do It"

Project Group Members:
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Summary:
We depict a man who sees his lift under maintenance. Undaunted, he leaps off from the roof of the building and lands below.

The Effect:
To re-create a scene of a person leaping off a building, falling through air and landing safely.

Techniques required:
We will be making use of most of the Digital Compositing methods (e.g. keying, masking, rig removal, etc) taught during class.
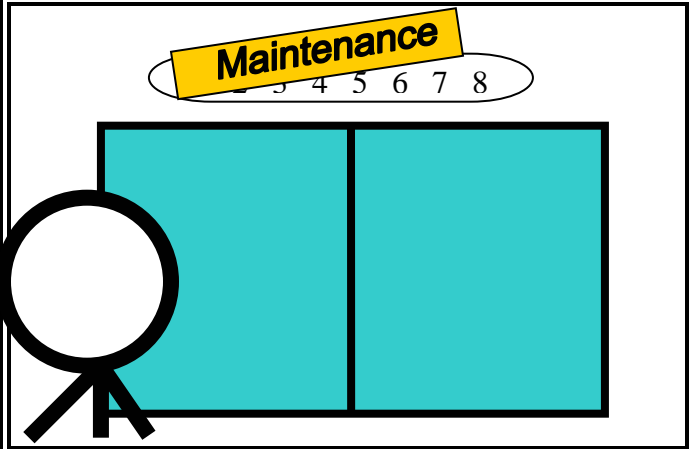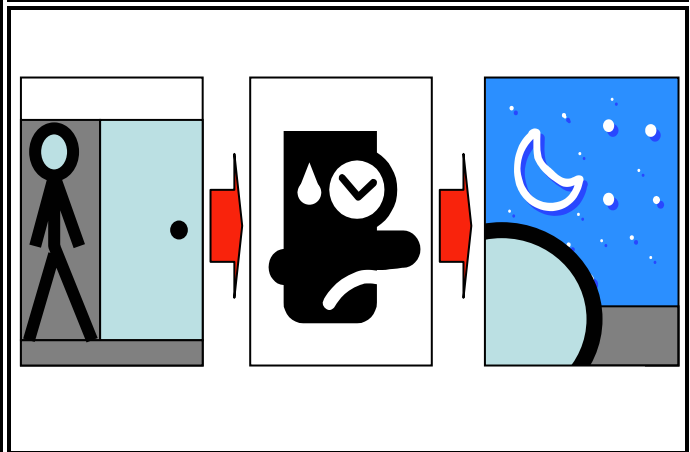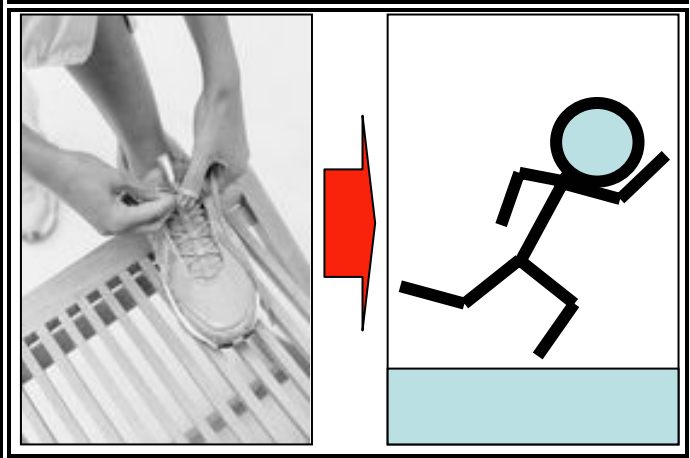Techniques for stabilizing images (i.e. Match Move) will probably have to be used as well.
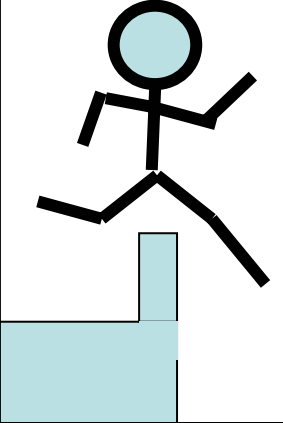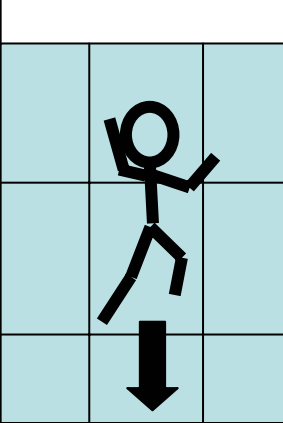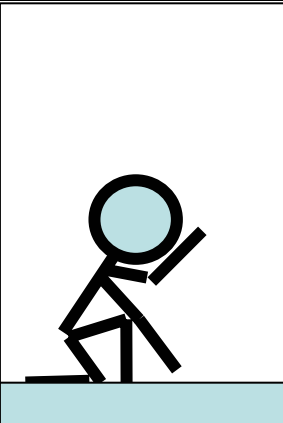Some CG will be used in various parts of the movie.
We also intend to use an artificial object to simulate the person falling in air. We will then use the tracked motion of the object as a motion guide for the composition.

Tools required:
- **Props**
  - Single-colored cloth (Blue screen effect).
  - Video Cameras
  - Support and harness equipment.
- **Software**
  - Maya, 3D Studio Max for CG.
  - Matlab, OpenCV for tracking.
  - Adobe Aftereffects, Photoshop, Premiere, for video compositing and editing.
  - Soundforge for sound effects editing.

Storyboard:

	Scene 1 **- At S17 Top floor** An over the shoulder shot of the actor looking at the lift. The lift is under maintenance.
	Scene 2 **- At Rooftop of S17** A wide shot of the actor opening the door leading to the roof area. The camera then moves to an extreme close-up shot of the side face of the actor, showing a drop of sweat flowing down. Then the camera transits to an over the shoulder shot of the actor looking at the edge of the building.
	Scene 3 **- At Rooftop of S17** Camera moves to a frontal shot of the actor tightening his shoelaces. Then the camera transits to a side wide shot of the actor while he gets ready to sprint. The actor sprints off and the camera translates (hopefully with a dolly) along to capture the side view. This would be shown in slow motion.

Scene 4
- At Edge of building

Actor jumps off the building and falls through the air. His hands and legs cycle in air. The scene transits to a camera at ground level rotating vertically to follow the falling motion of the actor.

Scene 5
- On ground somewhere on the road near the bustop

Scene transits to a side wide view showing the landing and some tar fragments flies off the ground hitting the camera lens with some of it stuck on the screen.
Camera zooms in to the logo on the shoe the actor is wearing.

Scene 6
- Advertisement Spoof

Screen blends into a screen filled with the words:
MIKE
Just Do It
Then the tick logo changes to a cross and words change to"Don't Try This At Home"

MIKE

Just Do It

Don't Try This at Home

Task Breakdown:

Xianhe – Collaborate with actor, directing of video, video editing.
Dennis – Motion Tracking and integrate tracking data.
Chek Tien – Computer Graphics and Animation.

Everybody – Shooting of video, Digital Compositing.

Timeline:

7th September – Finish research in individual areas.
17th September – Finish Shooting Video, basic implementations of individual parts.
24th September – Submit Progress Report
10th October – 1st Cut of the video out.
22nd October – Submit Progress Report
25th October – Final touch-ups.
29th October – Finalised Version of video out.

Week 13th – Project Presentation