

CS5245 Vision & Graphics for Special Effects Project Proposal

Team of

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Title

Light of Destruction

The Effect

A night-time meteor strike on City of Singapore

Story

A news anchor reports breaking news of an imminent meteor strike on the City at night. A concerned viewer watching the broadcast from his home calls his friend who happens to be at the Marina area. As his friend receives the call, he turns around towards the South as he notices a meteor streaking across the sky and striking just behind the City skyline. Blackout and chaos result as the meteor devastates the surrounding area, destroying skyscrapers and triggering panic.

Production Idea

News footage – The news footage will be recorded and composited onto the television set using after effects.

Meteor Strike – The burning meteor will be modeled and animated using Maya

Blackout – Each building will consist of 2 layers. First layer will be the original capture of buildings with lights, and the second layer of buildings without light by editing the capture using Photoshop to remove lighting and darken the surrounding. The reflection of the lights in the water will also be altered accordingly.

Collapsing skyscraper – A skyscraper will be modeled in 3D Studio Max, along with the animation of it collapsing

Smoke and Debris – Smoke and Debris will be generated.

In order to combine all elements within the same footage, different layers will be used for each effect. Meteor crashing in the background will form the

bottommost layer, followed by the collapsing skyscraper. In the front layer will be the layers of buildings used for blackout effect as well as other lighting effect.

Team Member Roles

Choo Jen-Way – Meteor Strike (Modeling and Animation), Smoke and Debris

Goh Ivan – News footage superimposition, Blackout and Lighting

Koh Swee Leng – Collapsing Skyscraper (Modeling and Animation)

Timeline

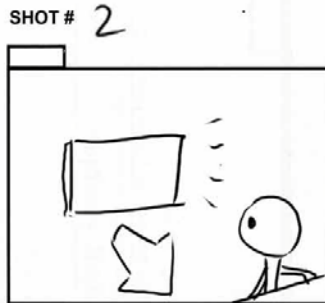
Milestones	Event
Completed	Location survey and reconnaissance.
Midterm Break	Filming of footage. Modeling of meteor and skyscraper. Separating sky background from the main footage. Completion of preproduction of newscast scene. Separating each building into 2 layers each.
Week 7	Texturing of skyscraper and basic animation. Editing each building layers for blackout effect. Start of Meteor and Collapsing skyscraper animation work.
Week 8	Completion of the blackout of the buildings. Work on other lighting effect begins.
Week 9	Completion of Meteor animation and collapsing skyscraper animation.
Week 10	Combination and composition of all effects and layers within main footage.
Week 11	Additional effects to be completed (All lighting, water surface, particles, smoke) Sound effects and dialogue to be added .
Week 12	Whole video completion.
Week 13	Submission.



ACTION [MS] Newsflash studio.

DIALOGUE "We interrupt your program to bring you this special news bulletin. NASA has confirmed that the meteor is about to hit..."

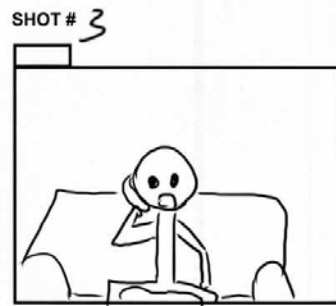
FX



ACTION [MS] Over the shoulder, zooming from the TV screen to the OTS shot showing the viewer.

DIALOGUE n/a

FX



ACTION [MS] Center. Viewer is making a call.

DIALOGUE "Eh, Where are you?"

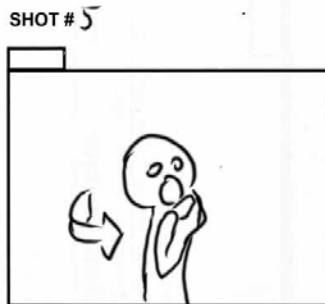
FX



ACTION [OTS] at Floating Platform, looking at Fullerton's direction.

DIALOGUE "I'm at Marina Bay. Why?"
Phone: "News report that meteor going to hit Singapore soon!"

FX



ACTION [XS] The platform guy turns 180 degrees around, in the direction of the camera.

DIALOGUE n/a

FX

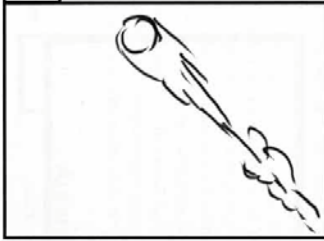


ACTION [OTS] Camera follows the man's gaze towards the sky.

DIALOGUE n/a

FX Meteor will begin trailing across the sky here

SHOT # 6
NS



ACTION Camera follows the "meteor" trail, upwards to the sky.

DIALOGUE n/a

FX



SHOT # 6

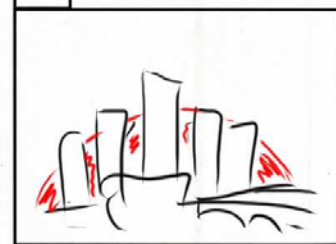


ACTION From the sky angle, the camera tilts downwards looking at Fullerton.

DIALOGUE n/a

FX at this point, the meteor will throttle towards the buildings, and fly behind the buildings.

SHOT # 6



ACTION A bright light flares from behind the buildings.

DIALOGUE n/a

FX the buildings will be illuminated with red and orange in the night sky. Alarms and sirens will be set off as a result of the impact from the meteor.

SHOT # 6



ACTION One building starts to crumble and fall as the meteor flare starts to dim.

DIALOGUE n/a

FX One building starts to yield and topple, knocking over another building in the process

SHOT # 6



ACTION One by one, the lights of the buildings dim out, as the buildings topple.

DIALOGUE n/a

FX The lights on the buildings will be occluded. The reflections of the water will be as so too, while maintaining their waves.

SHOT # 6



ACTION Scene fades to black as sirens, police alarm lights flash and particles decorate the mayhem.

DIALOGUE n/a

FX Particles like glass and rocks will fall off the buildings if they are visible enough, and lights will flash off the buildings.