

National University of Singapore
CS5245

VISION & GRAPHICS FOR SPECIAL EFFECTS

Project Proposal

Course Instructor
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Project Team Members

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Title: The time freezer

The Effect

The video will feature:

Car hitting a person and the car will have some deformation

Time freeze (Bullet time), multiple cameras will be used to shoot from different angles

The person retrieves frozen objects from the scene.

Plot

An unknown group hatches a diabolic plan to assassinate a VIP, who is currently in Singapore. Individuals who are to carry out the plan are informed that their target has some weird special powers and has evaded similar attacks before in other countries. Hence they are warned to execute the plan with utmost care and it is imperative that the target does not survive this time. Thus the group conspires a hit and run plan. On the day of the attempt, the VIP is about to cross a road and suddenly from nowhere a guy accelerates his car and drives in to collide with the person. That person who is about to be hit, sees the car at the last moment and freezes the time. Even though the time is frozen, the person is hit slightly. But he recovers and escapes from that place. Thus successfully thwarting another assassination attempt on him.

Story board



Figure1. Two people are trying to get rid of a guy as soon as possible. A deal was struck.
(Discussion done in the dark of night high contrast scene)



Figure2. At the end of deal money and photo was handed over to the perpetrator.
(Over the shoulder shot)



Figure3. The assassin was informed about the daily rout of the target person and wants to perform a hit and run case. So there the target comes about to cross the road.
(Over the shoulder shot)



Figure4. The car zooms on the target.
(Over the shoulder shot)

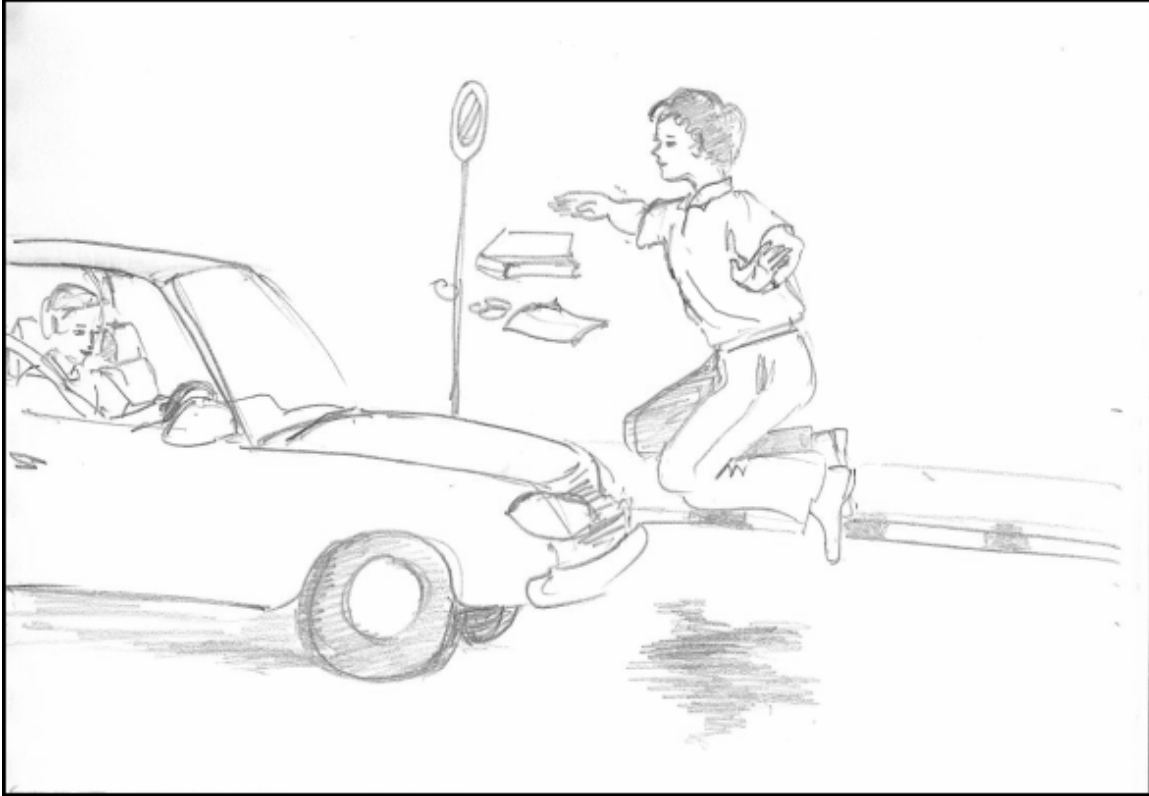


Figure5. The car attacked in no time, but then time stopped for a while. The protagonist was so shocked he stopped the time for himself too.
(Shot taken from outside to emphasize the time freezing effect)



Figure6. The time is still frozen.
(Camera pans around the frozen scene)



Figure7. Time freeze action still continues.
(Camera moved to side view, wide shot)

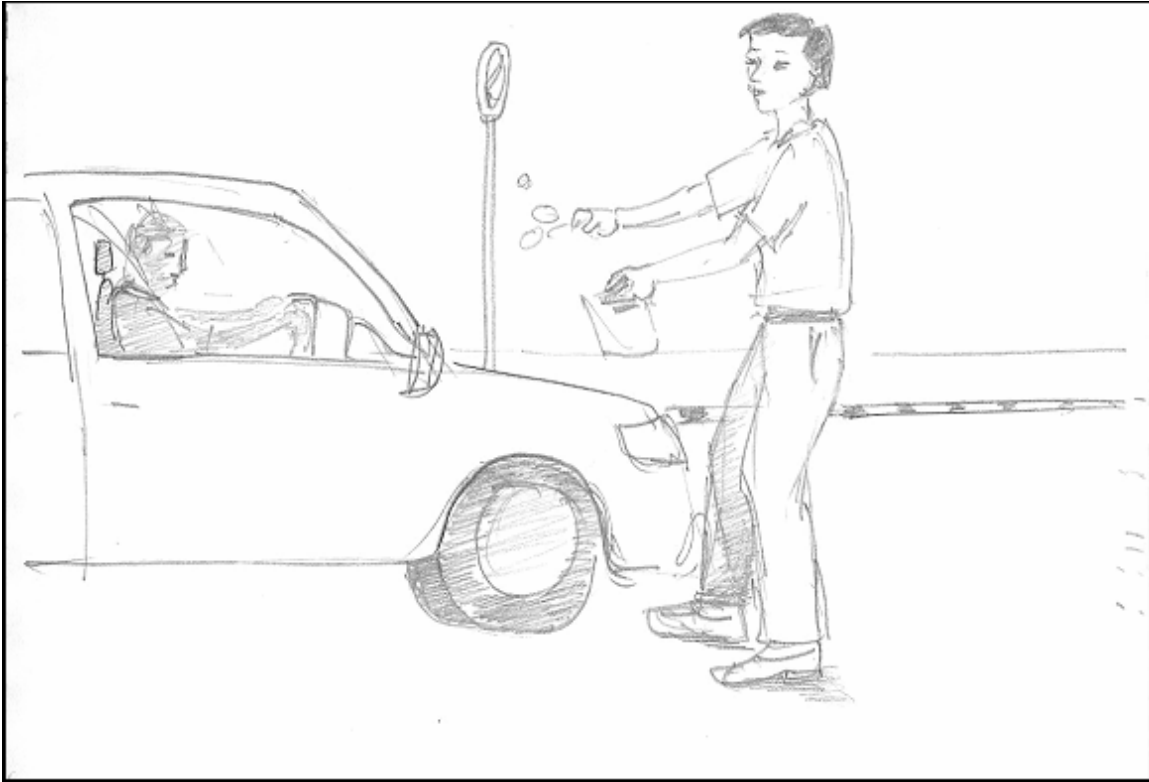


Figure8. Since the hero stopped the time he is able to recover fastest. Retrieves all the his belongings that got stewn like potato chips and the book
(Medium shot)



Figure9. The protagonist walks away from the view and the time frozen stops. The car passes by in the same speed it had approached (Wide shot)

Work distribution

Storyboarding	Samarjit
Shooting, acting and directing	Samarjit, Satish, Bowen
Applying bullet time effect on actor morphing	Satish
3D modeling of chips, books and part of the car, compositing	Samarjit
Mixing of effects, sounds and final compilation of film	Bowen

Schedule

Week 6 Mid - Semester break	Story Boarding and Project Proposal Scene survey & Trial footage Walk through story board
Week 7	Fine-tune story line Experiment with multiple camera time freeze
Week 8	Filming of actual footage, making 3D models
Week 9 - 10	Video Editing and compositing
Week 11	Adding special effects & audio
Week 12	Creating "Making of ..." clip
Week 13	Submission / Presentation