



CS5245

Vision & Graphics for Special Effects

Project Proposal

Team Members

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Lecturers

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1. The Story

1.1 Title of Project

The title of the project is *RV-Card (from the "Greeting-Card Association),
the greeting card that makes your lady stands up*
The idea of this one and half -minute video clip is similar to a commercial advertisement only with the addition of special effects.

1.2 The Plot

This is first ever South East Asia open championship – man versus lady tennis. We are in the final set of the match. The score is 40-40(deuce), and we are in the final match point. It is the Laura (lady) turn to serve in this set. Being super exhausted, she makes a serve to the right of the court, and it was a weak one.

Mark (man) anticipates this and makes a cross-court drop shot return. Being quick witted and smart, Laura already anticipates this when she saw her weak serve. She already starts running to the net but suddenly her left leg cramps, she trips and falls down. Her supporters are shocked. Laura tries to get up, but her leg gives way and she has to sit down. Some of her supporters are crying, others are touched.

Suddenly the line-man, Kelvin (K) runs into the court. Kelvin bends down and, passes Laura a card. She opens the card and reads it. After reading the message she suddenly re- energized, and stands up to resume the match.

Laura makes a super serve that was clocked at 270 kmh. Mark being a great player, tries to make a return. He is shocked that the serve is so powerful that it shredded his racket strings.

The ending is purposely not shown to have a sequel. The content / message of the card is also not revealed to keep the audience talking about it!

2. The Effect

2.1 Input

Opening scene

A normal scene showing two players playing tennis.

Zoom-in scene

There will be 3 scenes. First one will zoom to the Laura (L) when she serves. Second one would be when she reads the content of the card. The final one is Mark (M) when he returns the ball.

2.2 Output

The significant special effect is the Mark (M) swirling sideway to save the ball. As the speed of the ball is very high, he will grip his racket very hard, and the tennis ball will spin next to string of the racket.

The secondary special effect is the ball going through the racket by slowly breaking / shredding the string of the racket.

Future enhancements (optional) special effect is to replace Mark with the actual tennis champion, which is Roger Federer, Novak Djokovic or Rafael Nadal. This will be taken into consideration when the time allows.

2.3 Layers

Energizing - Morphing and image synthesis

Racket string removal – In-painting and object removal

We foresee that there will be a minimum of 3 layers. This will be analysed further.

3. Role of Team Members

The table below depicts the roles and responsibilities undertaken by each team member.

Name of Member	Roles and Responsibilities
Sim Hoe Swee	<ul style="list-style-type: none"> ➤ Plot / Storyboarding ➤ Actor ➤ Animation (Breaking of the string of the racket and ball going through the racket)
Ng Pei Leng	<ul style="list-style-type: none"> ➤ Actor ➤ Audio Elements (if any) ➤ Creating the energy effects
Jenty	<ul style="list-style-type: none"> ➤ Actress ➤ Digital Compositing ➤ Integration and Release
All	<ul style="list-style-type: none"> ➤ Conceptual Design ➤ Project Proposal ➤ Documentation ➤ Presentation ➤ Camera and Video Shooting (take turns) ➤ “The Making of” Video Clip

4. Project Schedule

The table below depicts the project schedule / timeline.


Week	Description of Tasks (To Be Completed)
Week 6	Submission of Project Proposal; Conceptual Design; Storyboarding
Week 8	Submission of Progress Report 1; Video Shooting and Images; Animation
Week 10	Submission of Progress Report 2; Digital Composition; May need to reshoot certain plots (if necessary)
Week 11	Included special effects on string removal and high speed tennis ball.
Week 12	Final updates on the video
Week 13	Project Presentation; Completion of Effect Video and "The Making of" Video

5. Appendix (Storyboard)

Artiste Names:

- Laura (L), the lady player
- Mark (L), the male player
- Kelvin (K), the line-man

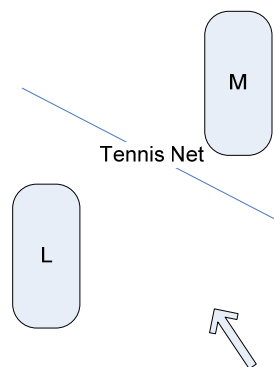
Note:

- The arrow  denotes the camera angle.
- [MM:SS] denotes the estimated time in minutes and seconds that have elapsed for the pictorial above it.

[MM:SS] : [00:00] Begins

Explanation Screen with words and audio : “ This is first ever South East Asia open championship – man versus lady tennis. We are in the final set of the match. The score is 40-40(deuce), and we are in the final match point. “

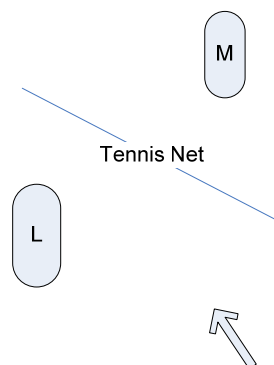
[MM:SS] : [00:05]



[MM:SS] : [00:07]

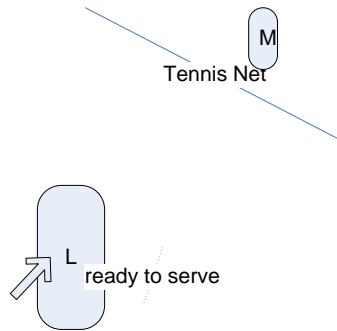
Arrow shows the camera angle. It is the Laura (L) turn to serve in this set. She has to serves from left to right. She has the racket in right hand and the tennis ball in her left hand. The camera shows both players standing exhausted with hands and racket hanging loosely towards the ground.

[Sounds of crowding clapping]



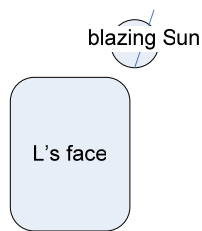
[MM:SS] : [00:08]

Camera zooms out and the crowd quiet down as they wait for Laura (L) to serve.



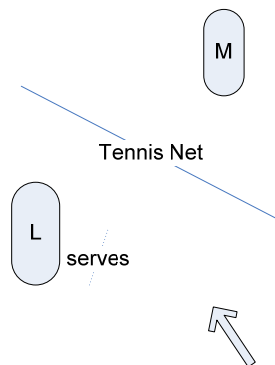
[MM:SS] : [00:11]

Camera switches angle, capture the whole body of Laura (L) as she throws the tennis ball up. Mark (M) is captured as the backdrop.



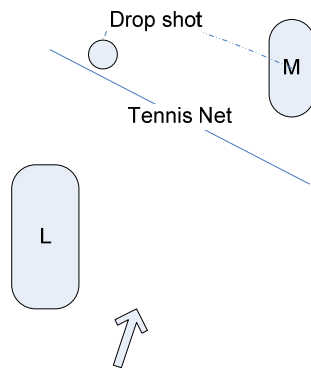
[MM:SS] : [00:13]

The camera pan vertically and zooms in, and the audience is taken to the view of Laura (L) 's right side of face with the blazing sun as the backdrop. (Recall Laura (L) is a right-hander) A trickle of sweat can be seen falling down her cheek.



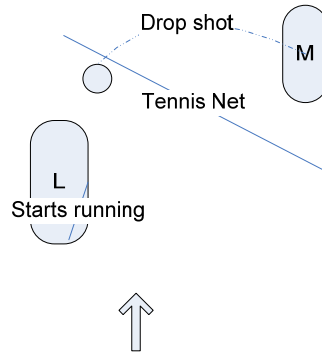
[MM:SS] : [00:16]

Camera switches angle, and Laura (L) serves. Being super exhausted, she makes a serve to our right of the court, and it was a weak one.



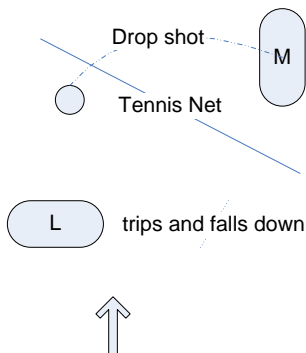
[MM:SS] : [00:18]

Mark (M) anticipated this runs forward, makes a cross-court drop shot. Camera pans horizontally



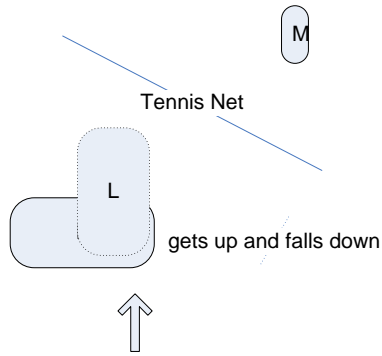
[MM:SS] : [00:20]

Being quick witted and smart, Laura (L) already anticipated this when she saw her serve. She already started running to the left side of the net.



[MM:SS] : [00:22]

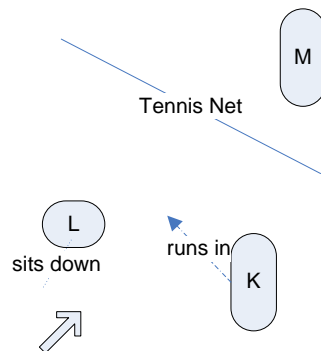
Suddenly Laura (L) left leg cramps, she trips and fell down. [sounds of shocks, gasping are heard from the crowd]



[MM:SS] : [00:25]

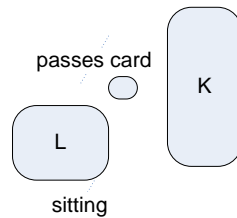
Camera zooms in on Lady(L). She tries to get up, but her leg gave way and she has to sit down on the court.

[Sounds of her fans / supporters crying can be heard]



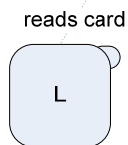
[MM:SS] : [00:28]

Camera switches angle. Suddenly the line-man, Kelvin (K) runs into the court (runs in from the bottom right of the camera view)



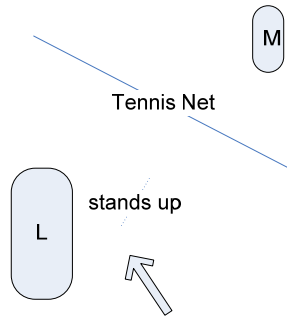
[MM:SS] : [00:33]

Camera zooms in to Kelvin (K) and Laura (L)
Kelvin (K) bends down and, passes Laura (L) a card.



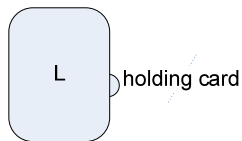
[MM:SS] : [00:38]

Camera switches angle to show Laura (L) opening the card and reading it. The camera is angled so that the content of the card is obscured from the audience.



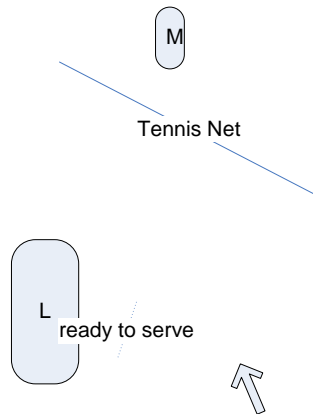
[MM:SS] : [00:41]

Suddenly, Lady(L) stands up, re-energized. Male (M) looks on.



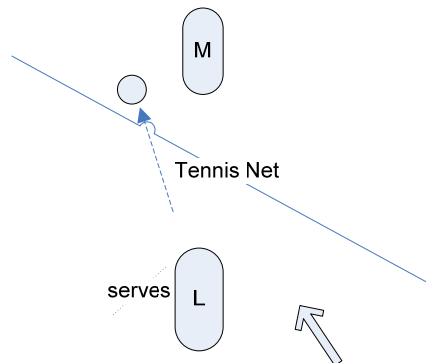
[MM:SS] : [00:46]

Camera zooms in. Special effects: of light glowing on her faces as she re-energized and filled with an awesome aura.



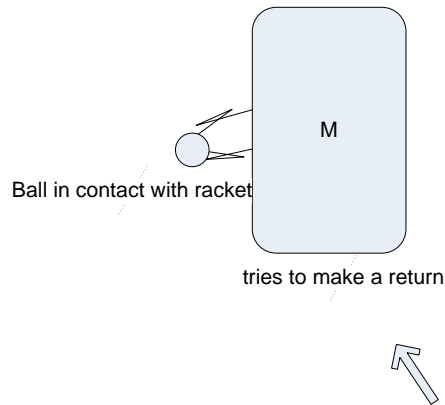
[MM:SS] : [00:50]

[Sounds of the crowd clapping can be heard] The camera changes angle and Laura (L) get ready to serve. [It is not shown that she puts her card into her pocket, or walking to the by line to serve, or even Kelvin (K) walking back, as this is not the point of the clip]



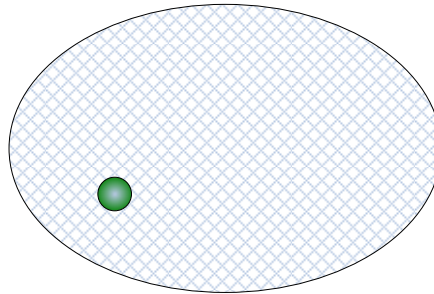
[MM:SS] : [00:52]

Laura (L) makes a super serve. She has to serve from right to left this time. Camera switches angle and it is an "over-the-shoulder" shot.



[MM:SS] : [00:57]

Camera zooms in on Male (M). Male (M) being a great player makes a return but the force was so great that the tennis ball smashes the racket strings..
[Sounds of the crowd gasping heard]



[MM:SS] : [01:15]

The replay is shown in slow motion. Camera switches angle to the racket. Male (M) holds his racket very hard trying to return the serve, the ball spins so fast and shatters the racket string. (special effects).
[Sounds of the crowd gasping heard, then clapping]

[MM:SS] : [01:20]

Shows the logo of the card and the advertising message

[MM:SS] : [01:25]

Ends