Multimedia Storyboard & Design Plan – SS-ECS-SRM-3D-1.0

Signature	
Date	

Soft Rail of the Delhi Metro 3D30

Content Title	ECS – The Soft Rail of the Delhi Metro U-SRM-3D CASE STUDY
Instructional Strategy	This module has the following sections: (1)　　Constructed Model with pauses of 1 second between each shot Key strategies deployed to inject interest in this module includes: ▪　　Use 3D models to explain concepts where appropriate. ▪　　Use clear typeface and text size to add detail and create emphasis. ▪　　Include animations of working if possible *The content structure is linear as required by the learning chronology*
Target Audience	1st Year / 2nd Year BTEC Students
Media Used	3D Graphics, simple animation, voice-over narration, labels and music
Assessment Type	Non-graded, included at the end of every section.
Content Duration	30 seconds
Development Timeframe	12th – 14th Mar 2012

Soft Rail of the Delhi Metro 3D30

Visual Area: News Channel reports an unsuccessful inauguration of a new Metro route in the Capital by the Chief Minister causing a 2 hour delay and disrupting other metro train schedules

Screen Title:
On Screen Text:

Narration:

Interaction Area: A live news channel live reports "The inauguration today of a new Metro train route was unsuccessful by the Chief Minister of state". The News Channel creates a graphic schedule depicting the following:
8:00 AM – Flag waving ceremony and the train starts
8:30 AM - Train stops suddenly and remains stationary in the middle of the track

AUDIO/ SFX: Light Music Track.wav / SFX Sound of News Presenter

Branching Area: NA

Client Comments: (Mark 'OK' if no comments)

Learning Outcomes: To demonstration of application of Programming in our daily life

Learning Objectives:

Notes:
Correct Feedback:
Incorrect Feedback:

Soft Rail of the Delhi Metro 3D30

Visual Area: Fadein from Black with Flag Waving Transition to Medium Long Shot of Metro Train pulling out of the Station. Cut to Tighter Shot of the Metro Train approaching the camera. Camera Dolly Move to the opposite side of the track as the train curves and whizzes past

Screen Title:
On Screen Text:

Narration:

Story Area: When the Chief Minister waved off the train with her flag, the train pulled out of the station and continued on for 30 minutes when it suddenly stopped due to some technical fault. Troubleshooting the delay was over 2 hours and due to this the time schedule of the other trains were also impacted. This loss of face in the public eye made the Chief Minister of the state very disappointed with the metro department.

AUDIO/ SFX: Light Music Track.wav / SFX Clapping/Cheering/PA System and Sound of Metro Train leaving the station

Branching Area: NA

Client Comments: (Mark 'OK' if no comments)

Learning Outcomes: To demonstration of application of Programming in our daily life

Learning Objectives:

Notes:
Correct Feedback:
Incorrect Feedback:

Soft Rail of the Delhi Metro 3D30

Visual Area: Cut to a MLS of a train with its doors open and stationary. The camera dolly moves forward to reveal the driver cabin and rotates in slowly zooming in through the glass to reveal the control console. The camera continues to move towards a mounted panel and starts to zoom in to a CU shot of the Panel. The camera continues to zoom in while the outer cover gradually fades to reveal a motherboard with a chip on it and ends with an ECU of the Chip. One the static ECU the Chip should glow on and off for two to three cycles.

Screen Title:
On Screen Text:

Narration:

Story Area: The train driver and other engineers start to debug the reason for this fault.
One Engineer found that this may be because of a faulty timer chip. A Timer Chip is programmed to stop a train automatically after a given time. There are two options – if the driver wants to stop in between he can do so otherwise it will stop at its destination automatically. He replaces that Chip by other one and train started.

AUDIO/ SFX: Light Music Track.wav / SFX Sound of Metro Train leaving the station
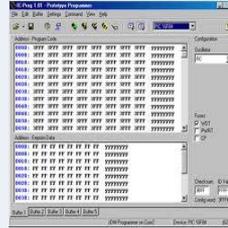
Branching Area: NA

Client Comments: (Mark 'OK' if no comments)

Learning Outcomes: To demonstration of application of Programming in our daily life

Learning Objectives:

Notes:
Correct Feedback:
Incorrect Feedback:

Soft Rail of the Delhi Metro 3D30

Visual Area: Cut to an OTS Shot of an engineer using a laptop alongwith a chip analyzer slowly zooming in to a MS of the dual monitor console with the opened Timer box revealing the motherboard with the chip on it. The left monitor should show some binary codes etc flashing by. Pan to a CU of the chip receiving an electron flash depicting that the new improved software has been loaded and the chip reprogrammed.

Screen Title:
On Screen Text:

Narration:

Story Area: The Engineer of the Metro Department started the Root cause analysis of the incident. They found that the timer IC was programmed wrongly by a software programmer. They erased the installed program in the IC and re-programmed it again and tested it in another train successfully.

AUDIO/ SFX: Light Music Track.wav / SFX

Branching Area: NA

Client Comments: (Mark 'OK' if no comments)

Learning Outcomes: To demonstration of application of Programming in our daily life

Learning Objectives:

Notes:
Correct Feedback:
Incorrect Feedback:

Specifications Sign-off

Client Signature	
Date	