**CSCI3260 Project**

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Snapshots

Figure 1 Raining Scene

Figure 2 XXX Scene

List of functionality

*Basic*

1. Top down view
2. Train view
3. Buttons for adding, removing, or repositioning control points
4. Saved and loaded control points from text files in the format of given sample
5. Multiple kinds of curves
6. Play button to start/stop
7. Slider for speed control for the train

*Bonus*

1. On/Off for Arc-length parameterization
2. Additional carriages on your train
3. Simple physics for train
4. Other Cool Effects: Animations with particle system, advance texture mapping etc.