Mihnea:

- introduction  
- learning tool, can be used by lecturers

Daniyl:  
- Explain the algorithm we are visualising

- 2 groups visualisation and algorithm simulator

Boti:

- Read in string-> create conblock  
- top-down approach : conblock -> Non-Deterministic automaton  
- automaton only stores starting state and ending state  
- like a graph : State (some properties and list of edges), Edge (expression, and pointing to a state)  
- while building up the automaton, create a simplified version, and give it to visualisation, and save it in frames

Owen:  
- GUI - JavaFX instead of swing, new api to all of us, intended to replace swing. very similar implementation to swing - so very easy to get working, GUI components look more modern.   
But - Less support for 3rd party java libraries, most graph libraries (including JUNG) come with a swing component but no JavaFX implementation.  
- How are we visualising it

Take the simple representation of the graph (List of edges and list of states) and draw this out on a JavaFX canvas.

JUNG for layout - impleetaon of Fruchterman-Reingold algorithm

Pass over to mihnea to present our prototype  
- GUI

Mihnea:  
- Present our prototype

Peter:  
- What are we going to implement after the prototype  
- removing epsilon moves  
- determinisation  
- bottom-up approach  
- bisimulation (if two automata are bisimilar and show bisimulation)  
- give a word, is accepted? and show the process

Tom:  
- What are we going to implement at visualisation  
- highlighting regions that are being computed  
- building the automaton from top to bottom so it doesn’t jump randomly

- Plan to make it multithreading to separate the computation of the FSA from the GUI interaction

Peter:

- How we handled team cooperation  
- We’ve been using SVN  
- We’ve been meeting 3 times a week, dividing tasks as they arose  
- We’ve been using Facebook chat to communicate constantly, plan meetings and keep everyone posted

Things to take away:

-Plan for evaluation - speak to 1st/2nd years learning about FSA

-Make a few ‘summary’ objectives, “teach/explain a comtatenation and disjunction”

-MVC design

-Update design to reflect all changes