

ACT : Minutes of Meeting

Guide : Prof Sujit
Students : Saurabh, Sanjeev

22 Jan'16

Items and issues discussed :

- The work done on the statechart for the “**book request system**” was presented.
- “**What constitutes a state**” : what can be called a state and sub-state
- history in a statechart
- hierarchical statecharts
- way forward in differentiating the elements which can be clicked to give input to the system like link, tab, button etc.

Action Items :

- Partial statechart presented was deemed correct and we were advised to take the work forward.
- Suggested paper for reading : David Harrel's paper on statechart
- Suggested topics : Lex and Yacc tools.
- Read about ways to parse xml with logical expressions

2nd Feb'16

Items and issues discussed :

- functioning of a parser
- alternate input model for the parser : alternative for an xml.
- Front end functioning and implementation of the model

- IR representation of the state chart

Action Items :

- work divided between saurabh and sanjeev
- sanjeev to look into the parser and saurabh been assigned the front end
- discuss and come up with the class structure of the intermediate representation.
- look into the usage of lex and yacc

5th and 12th Feb'16

Items and issues discussed :

- functioning of the front end
- algorithmic approach for the front end : which algorithms may be better and why
- output of the JLex file was presented, seemed OK per project requirement
- functioning of the parser WRT to our project

Action Items :

- modifications to be implemented in the JLex file : Sanjeev
- Implementation of the algorithm for the front end : Saurabh
- grammar for the parser : Sanjeev
- prepare the project chart : Saurabh/Sanjeev

8th and 15th march 2016

Items and issues discussed :

- 8th : Discussion around working with cup : it's complexities, output etc
- 15th : Discussed the parser written so far
- 15th : further action item was discussed

Action Items :

- The written parser seems ok, so it was decided to improve and extend it gradually
- Start working with the intermediate representation