

# Team Diary

## SUDOKU

*(Sudoku-Game Cum Auto-Solver)*

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Team Members:	Roll numbers:
Amey Gupta (Team leader).....	140050026
Sumith.....	140050081
Pramod V.....	140050076
Lohith R.....	140050041

Slot -11  
Group-03

Date : 11.10.14

Duration:1Hour

- 1.Researched on Algorithms to be implemented
- 2.Looked at past years' CS projects' files
- 3.Conceptualized SRS files.
- 4.Divided work amongst us to research on algorithms to be used

Date :12.10.14

Duration: 1 hour

- 1.Read about the algorithms and decided they are too long to complete in one month.
- 2.Researched on how the sudoku are divided into different levels.
- 3.Decided on some features of user interface.

Date: 13.10.14

Duration: 90min

1. Decided that we will use pre loaded sudokus for the game.
2. For AutoSolver decided to use Dancing Links Algorithm.
3. If are not able to understand it, then brute force algorithm should be implemented.

Date: 15.10.14

Duration: 1hr

1. Decided on how user interface should look like except colour stuff

Date: 17.10.14

Duration: 1hr

- 1.Divided work amongst us.
- 2.Amey and Sumith will write the functions corresponding to solving a given sudoku using the 'Brute force with Backtracking' Algorithm & also start SRS.
- 3.Lohith & Pramod will write user manual & also start Project Report.

Date: 19.10.14

Duration:2hr

- 1.Lohith completed the User Manual.
- 2.Amey and Sumith sent the code to Pramod for debugging.
- 3.Pramod debugged the code and mailed Amey back.
- 4.All of us wrote different fragments of SRS.

Date: 16.11.14

Duration:55min

Discussed about the graphics that we can use in our project.

Date: 17.11.14

Read about Simplecpp and Gtkmm.

Date: 18.11.14

Discussed about the graphics and finally decided to use gtkmm in our project.

Amey and Sumith started to work on gtkmm.

Date: 20.11.14

Amey started gtkmm.

Lohith,Pramod started working on writing program for taking sudoku as input from files and converting them to binary.

Date: 21.11.14

Learning gtkmm, Pramod and Sumith started working on Dancing Links for sudoku-game.

Date: 23.11.14

Lohith worked on User Manual,SRS.

Amey worked on gtkmm.

Pramod and Sumith worked on Dancing Links Algorithm.

Date: 24.11.14

Pramod and Sumith worked on dancing links algorithm.

Lohith worked on SRS and Project Report.

Amey worked on gtkmm.

Project Diary was done.

Lohith finished SRS and Project Report.

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