

# Project diary

(as on 24/11/14 at 23:59)

*Chitraang Murdia*

*140050023*

7/10/14 19:00-19:45

discussion 1

room 210

discussed on topic for project

Sudoku Auto-solver is chosen

10/10/14 19:00-20:30

studied the various sample projects

studied about writing the SRS

11/10/14 20:00-20:45

discussion 2

room 210

discussed on division of work

Chitraang will write algorithm

Rajesh will write SRS

Sreenivas will write problem statement and sample code

13/10/14 18:30-20:00

drafted basic algorithm

wrote some part of detailed algorithm

13/10/14 21:45-22:15

discussion 3

room 210

finalised the basic algorithm

decided on names of functions and variables

13/10/14 22:15-22:45

made changes in algorithm as per discussions

15/10/14 20:45-22:30

discussion 4

OSL

discussed about content of SRS and amends in algorithm and sample code

edited the algorithm and added diagonal and window sudoku

18/10/14 14:00-15:30

added jigsaw sudoku to algorithm

18/10/14 19:00-20:00

wrote code for normal sudoku

18/10/14-19/10/14 22:30-02:45

wrote the project report

19/10/14 10:30-14:00

edited the SRS

19/10/14 15:00-17:00

completed the SRS and Project report

19/10/14 18:30-21:30

edited the user manual

15/10/14 20:35-22:10

discussion 5

OSL

discussed about addition of graphics and user interface

wrote functions CheckDia1, CheckDia2, CheckNumD, CheckNumW

5/11/14 20:15-22:00

discussion 6

OSL

Discussed about addition of tables, buttons etc in graphics

Read and analysed the material on cs101 website and internet related to graphics

17/11/14 13:00-17:30

wrote functions CheckNSudoku, CheckDSudoku, CheckWSudoku and structure jig

19/11/14 16:00-20:00

wrote all functions related to jigsaw sudoku

19/11/14-20/11/14 21:30-01:00

Checked that all code written is working properly

Debugging of code, optimisation of steps and running sample cases

20/11/14 10:30-12:00

Edited and updated the Project Report in accordance with changes in code

20/11/14 14:00-16:30

Wrote functions for validation of input grid

Changed Check functions to account for tile being checked

20/11/14 17:45-22:00

Decided to include feature to check uniqueness, drafted the algorithm and wrote code for it

20/11/14-21/11/14 23:30-01:00

Checked that all code written is working properly

Debugging of code, optimisation of steps and running sample cases

21/11/14 17:00-22:00

room 210

Integrated the code with graphical portion prepared by team

22/11/14 10:00-12:00

Ran test cases and found some minor errors in graphics

23/11/14 17:00-20:00

room 210

Discussed on finalising user manual.

Checked test cases, suggested improvements and fixing minor errors in code.

24/11/14 18:00-20:00

Discussed final details.

Completed the user manual (text)