

CS-101 PROJECT

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OCTOBER 6, 2014

11.05pm-11:15pm

I have created a Facebook Group (CS 101 project) and added all the members in this group.

Meet-1

OCTOBER 8, 2014

Met via Facebook and discussed about the project topic.

Finalized the project topic as Sudoku Solver.

Meet-2

OCTOBER 13, 2014

6:30pm-7:00pm

Preliminaries of project are discussed.

Various solutions were discussed for the Sudoku solver.

The loop method was rejected and array method for coding of the solver was collectively agreed to be worked upon.

Meet-3

OCTOBER14, 2014

8:30PM-10PM

Various aspects and features of the Sudoku solver were discussed. The programme will consist of two parts-a Sudoku generator and a solver.

The Sudoku generator will give the user a chance to solve the Sudoku problem by himself. There shall be a timer based on which points will be calculated and use of hint will be provided with penalty . Also the user shall be able to check the entry whether it is correct or not. There should be a database containing the sample sudokus based on difficulty level and high scores so as to provide user with some target high scores.

As for the solver part, along with the solver code, there should be a code to check whether the entered problem is valid or not.

A sample code for timer clock was checked which was successful.

Graphics were also discussed to make the the programme user friendly.

Meet-4

OCTOBER 16, 2014

9:00PM TO 9:30PM

Decided that for first stage submission of projects how the work to be done and divided accordingly.

Meet-5

OCTOBER 18, 2014

9:00PM TO 10:15PM

The following things were discussed upon:

1. Graphics type- preferably e-z windows will be used because it is compatible with both windows and Ubuntu.
2. SRS documentation-document preparation was in process. Graphic user interface to be added in the document.
3. Algorithm for the solver

Meet-6

OCTOBER 19, 2014

2:00PM TO 7:00PM

User Manual is prepared by Monika and me.

Meet-7

OCTOBER 20, 2014

9PM TO 10:15PM

Discussions:

- 1) The coding for solver is done and tested
- 2) Pursued previous year Sudoku problems and analyzed their codes.
- 3) Discussed EZ Windows graphic design and further its application.

Meet-8

NOVEMBER 4, 2014

8:30PM TO 9:45PM

Discussions:

Functioning of EZ windows

- 1) Sample codes were tested
- 2) Viewed lecture videos for elementary graphics and coordinate based graphics followed by discussion
- 3) Advanced graphic events were left for future discussion.

NOVEMBER 20, 2014

10PM TO 1AM

Integrated all the functions.

NOVEMBER 23, 2014

11PM TO 2AM

Wrote the final SRS Document.

NOVEMBER 24, 2014

5PM TO 10PM

User Manual is updated by Monika and me.