PROJECT DIARY

Name: A.Hemanth Kumar(140050036)

Slot-11

Group-3

1. **Date**: 20/10/14
   Time: 30 minutes

   Work: This is a team meeting. We discussed about which graphics will be best suited to our project. We had various options regarding the graphics. We finalised on simplecpp graphics, because we thought that our project doesn't require more than simple circles, rectangles, etc.

2. **Date:** 22/10/14
   Time: 30 minutes
   Work: Our Diwali vacation starts tomorrow. So I didn't spent a lot of time regarding the project. I started coding our project before the first round submission, but there were issues with that. I tried to solve that. I started improvising on the main body of our code.

3. **Date**: 27/10/14
   Time: 1 hour
   Work: This is the first team meeting after Diwali holidays. In this meeting, we discussed how to start our work, I started thinking about writing bool functions in our code. I enquired our TA regarding the kbhit function(library: conio.h) which was not working in our lab computers.

4. **Date:** 29/10/14
   Time: 2 hours
   Work: Today, I successfully used the kbhit function by putting it in while loop, I wrote the two bool functions issquarevalid and issquaretrue functions. The latter returns true if the user completed the game while the former returns true if the user placed the queen at a valid position.

But I have issues with the working of these functions, they are failing in some cases.

5. **Date:** 30/10/14
   Time: 1 hour 15 minutes

   Work: Today, I debugged the two bool functions. I wrote the wrong code for checking if valid along the diagonal, that is the reason it hasn't worked the last time.

6. **Date:** 31/10/14
   Time: 1 hour 30 minutes
   Work: This is a team meeting. I installed simplecpp in my laptop, and it is working well. It wasn't working on Ankur's laptop. Sindhura finalised the time.h function as the library we are going to use in our project. We discussed about each other functions and I gave my code to Ankur.

7. **Date:** 2/11/14
   Time: 1 hr
   Work: Since I completely wrote the two functions, I started looking at the major function in our code, which is the backtracking part. I completed writing the code on paper with an algorithm in mind, and started executing it on my laptop.

8. **Date:** 5/11/14
   Time: 1 hour 30 minutes
   Work: This is a team meeting. The last time the backtracking method wasn't working in my laptop, this time Sindhura helped me with that code. We completed writing that code, still there are some issues with it.

9. **Date:** 8/11/14
   Time: 1 hour 30 minutes
   Work: This is a team meeting. Since we had CS quiz tomorrow, we spent a little less time this meeting. All three of us did the debugging part, where we tried to find out why it isn't working. Finally we understood

that we are missing a for loop, then we included it and then the function is working well. We also discussed about tomorrows exam and clarified each other doubts.

10. **Date**: 15/11/14

   Time: 1 hour 30 minutes

   Work: This is the first team meeting after endsems. Our entire code is completed without the graphics. Sindhura's time function is working well in separate programs, but we weren't able to figure out why it isn't working in our code. Finally, we included the time part also. I started reading the simplecpp part of Ankur.

11. **Date:** 17/11/14

   Time: 1 hour

   Work: I started watching the online videos of simplecpp in cse website. I started understanding simplecpp and tried drawing small circles and rectangles.

12. **Date:** 18/11/14

   Time: 2 hours 30 minutes

   Work: This is a team meeting. We all started writing code for simplecpp and combining it with the main code. It hasn't worked that good. We had issues opening a new window in simplecpp. It took a lot of time.

13. **Date:** 19/11/14

   Time**:** 2 hours

   Work: The last time, I saw and executed only half of the graphic videos. Today I completed the whole lecture videos regarding simplecpp and tried executed the code in simplecpp.

14. **Date:** 22/11/14

    Time: 2 hours 30 minutes

    Work: This is a team meeting. We started looking at each others work. I started looking at the time function. We also completed the graphics

part today. We decided to include two modes in the game namely classic and challenge.

15. **Date**: 23/11/14
    Time: 2 hours
    Work: We completed the entire project today. This is only some cleaning up work. We included the modes in the code. We also started writing the user manual, srs and other things.

16. **Date**: 24/11/14
    Time: 2 hours
    Work: This is the last team meeting. We completed writing the srs document, user manual, and the project report.

    Total Time : 24 hours 15 minutes