

# Individual Diary of Abanob Tawfik

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12 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> Worked on Assignment 2	<b>NOTHING PROJECT WISE</b> Finish up my code for a* and work on the heuristic	Assignment 2

14 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
Starting thinking of design features for the project	Since I have no group members as I can't attend the tutorial due to my surgery I will try to at least pre-think of a design structure	Assignment 2

16 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> Worked all on assignment 2 very close to finishing have very few touch-ups and it should be good	<b>NOTHING PROJECT WISE</b> Try to finish up more of my A* have to fix my heuristic to give best path cost	Assignment 2

16 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
Finished Assignment 2 WOOO, that was a long hard hurdle (NOTHING PROJECT WISE)	Look up more on algorithms that allow generation for grids, thinking up more on design I have a few ideas	Other immediate deadlines but I am dedicating time for this project

19 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
Still recovering from surgery 😞 😞 but I thought up of a few design ideas I will expand on	Draw out how I want this game to work, try to visualise it before I code it, think of features to add, I have a few ideas im thinking of how I want to implement including, sounds on hitting a obstacle or making invalid move, a score system based on time taken to complete scaled on the difficulty, a algorithm to generate boards based on user difficulties, I want to also make the user choose their car if possible but this is all pre-design will vary greatly when I go to implement it	Recovery from surgery and immediate deadlines still no group as I could not attend the tutorial due to my recovery but hopefully I get one soon

19 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
Got assigned into my group found my group mates!!! Created a group repository and a facebook group and got to know my group. Started talking about project, nothing major just asked how is everyone going with the course and assignment 2 progress	<b>NOTHING PROJECT WISE</b> immediate deadlines for my other courses I can't currently commit time and I have a problem with assignment 2 I am putting full attention to finishing	Recovery from surgery and assignment 2 might need a complete re-coding

22 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> I was planning to put full focus on the project because I thought I finished assignment 2 and had nothing in the way but I need to do major revamping to assignment 2	<b>NOTHING PROJECT WISE</b> I have to remake my assignment 2 design completely as I did not follow A* algorithm and I did a greedy search based on a non-admissible heuristic and after a lot of reading decided to revamp entire assignment	Recovery from surgery and assignment 2 need to code the A* properly and think of an admissible heuristic

24 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> this redesign of assignment 2 has me stressing out and looking at screens too long causing eye pains, im trying to finish assignment 2 and understand the A* algorithm and lecture notes better	<b>NOTHING PROJECT WISE</b> I hope I can finish assignment 2 A* search working even without a heuristic just giving me the optimal path, but I'm having a bit of trouble understanding the lecture notes and the <n',p+e> stuff it's very hard to wrap my head around especially since my brain is still working with the old algorithm	Recovery from surgery and assignment 2 need to code the A* properly and making this algorithm work without infinitely looping 😞 😞

26 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> I FINALLY FINISHED MY A* IT WORKS AND GIVES ME THE BEST PATH, NO HEURISTIC BUT IT WORKS PRAISE THE LAWD, finally understand A* search which is a great relief as it is a very useful algorithm to know	<b>NOTHING PROJECT WISE</b> Making a heuristic so my costs for the path aren't over-estimated and my nodes expanded aren't a ridiculously high number something admissible and optimal.	Assignment 2 but after this and my COMP2121 work, I will put all my focus into this project I have a design structure I want to work on

27 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> documenting for assignment 2	<b>NOTHING PROJECT WISE</b> documenting for assignment 2	documenting for assignment 2

28 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b>	Discussing with group how we are going to assign roles for the project	Assignment 2 documenting

29 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
Discussing with group how we are going to assign roles for the project	<b>NOTHING PROJECT WISE</b> Assignment 2 documentation still need to do my project design	Assignment 2 documentation

30 April 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> Assignment 2 documentation almost finished	Start project source, classes and begin coding for assignment 2	Assignment 2 documentation want to create tests

1 May 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
I started a source folder for the project, added grid class, car class, and began a skeleton construction of the project	<b>NOTHING PROJECT WISE</b> Assignment 2 documentation, need to fix up javadoc	Assignment 2 documentation, need to fix up javadoc

2 May 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
<b>NOTHING PROJECT WISE</b> <b>ASSIGNMENT 2 IS OFFICIALLY COMPLETE AND SUBMITTED FINALLY</b>	Begin familiarising myself with the javaFX library to try get the grid done today	COMP2121 project + labs and other course work

3 May 2018

What Did I Do Yesterday?	What will I Do Today?	Is anything in my way?
Yesterday I began learning the javaFX library essentials such as gridpane, buttons, scene, stages and launching applications	I will try to get the 2d grid displaying the 6x6 game board as required. Try to also program the cars onto the grid if I can	Nothing in my way related to the project