**Diary of work**

15/09/2017 – 2 hrs

Started reading the project brief, compiled notes of possible sources from Moodle and google search using constraint satisfaction problem keywords.

Started the project plan, made a rough start on each section looking at the marking grid for guidance.

Read about the game Sudoku and killer Sudoku and the ways of solving the grids using the 45 rule etc.

17/09/2017 – 3 hrs

Skimmed <http://ktiml.mff.cuni.cz/~bartak/constraints/> and made some notes. Read about the PROLOG language, <http://ktiml.mff.cuni.cz/~bartak/prolog/index.html> . Read this introduction

http://cswww.essex.ac.uk/CSP/ConstraintSatisfactionTeaching/Downloads/CspTeaching-0-Overview2010.pdf

and also <http://www.bracil.net/CSP/papers/Tsang-IntroCsp-AIR1999.pdf> relating to the 8 queens problem.

Added notes from the above material to my project notes document.

Refreshed my knowledge of priority queues, TDD, Java, design patterns, agile software development

20/09/2017 – 2 hours

Discussed project plan with mentor, read through marking guides, discussed timetable and milestones, got advice on writing the project plan, timescales, agreed to meet again on the 26th to review plan

Later… Read through the ‘beginning your project’ power point presentation.

Downloaded Android SDK in preparation for coding for mobile app

23/09/2017 – 2 hours

Meet with a colleague and discussed the marking scheme for the project plan, what things we needed to cover to get a high grade, we reviewed each other’s draft project plan and suggested improvements.

24/09/2017 – 2 hours

Revised the project plan and added further milestones, continued reading the book I borrowed from the library.

25/09/2017 – 1 hour

Re reviewed the plan, added some text and formatting, and bibliography items, sent to mentor for review before meeting on Wednesday.

27/09/2017 – 2 hours 30 mins

Discussed project plan with Mentor before submission to supervisor tomorrow. Formatted report and added reports/POC programs so I had covered all the suggested extensions. Reviewed the Abstract adding information from the project list.

28/07/2017 – 20 mins

Spoke with supervisor and discussed project plan etc and Github SVN. Agreed Use Github.

Discussed project plan with colleagues, reviewed and added new reading materials

Added files to github, had a problem trying to make a folder to organise work,