

Faculty of Applied Sciences  
Bachelor of Science in Computing

**COMP490 Final Year Project  
Weekly Status Report**Academic Year 2022/23

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| Parsons problem generator and solver | |
|  |  |
| Project number: | 19 |
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|  |  |
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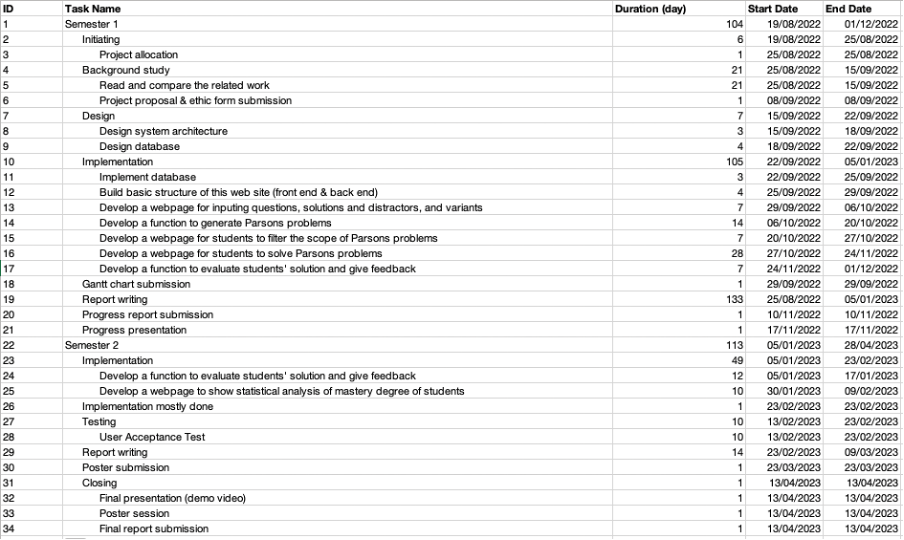
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# Preliminary Project Work Plan

In this section, the preliminary project work plan submitted in the Project Proposal is attached. Progress in Week 4 – Week 6 can be checked against this work plan.



# First semester W4-W14

Starting from Week 4 of the first semester, this document should be updated every week to show the progress. In each weekly status report, the accomplished tasks and the plan for the coming week should be reported so that the supervisor can monitor the progress.

## Week 4

Report Date: 14/09/2022

### Tasks done this week

I read two papers about Parsons Problem and I summarized some key points of these papers. By reading these papers, I found some gaps in the existing work and I picked up some new ideas about the specific use of Parsons Problem in the questions about data structures and algorithms.

### Plan for next week

I plan to design the system architecture and database in the next week. Besides, I plan to study the specific question types in Data Structures and Algorithms to expand the use of Parsons Problem in Data Structures and Algorithms.

## Week 5

Report Date: 21/09/2022

### Tasks done this week

I reviewed specific data structures and algorithms questions. Besides, I consolidated a paragraph to describe the discussion with the supervisor last week about using different algorithms in distractors. Furthermore, I built the basic structure of the front end. In the end, I design the database.

### Plan for next week

I plan to implement the database and build the basic structure of this website. Besides, I plan to read more papers to get new ideas and enhance chapter 2 and chapter 3. Finally, I plan to draw the Gantt Chart.

## Week 6

Report Date: dd/mm/yyyy

### Tasks done this week

List what tasks you’ve accomplished in this week.

### Plan for next week

List the tasks you plan to do in the next week. In case you’re behind schedule, describe what you will do to catch up.

## Gantt Chart

This section shows the first version of the Gantt chart, as submitted in Week 6. It includes detail schedule for the project. The Gantt chart sets up the overall schedule for the whole project. Therefore, from Week 7 of the first semester onwards, you also need to check your progress against the Gantt chart.

You may revise the schedule in the Gantt chart during the course of the project. This is necessary, for example, in case of risk mitigation. You must include the updated Gantt chart in the Weekly Status Report in a section like this one. Explain the reasons for schedule revision. You should also adopt a sound method of version control to avoid potential confusion regarding which version is currently being used.

Modified Date: dd/mm/yyyy

Include Gantt Chart below



## Week 7

Report Date: dd/mm/yyyy

### Tasks done this week

List what tasks you’ve accomplished in this week.

### Progress check against Gantt chart

Use the Gantt chart to evaluate your progress.



### Plan for next week

List the tasks you plan to do in the next week. In case you’re behind schedule, describe what you will do to catch up.

## Week 8 (repeat up to Week 14)

Report Date: dd/mm/yyyy

### Tasks done this week

List what tasks you’ve accomplished in this week.

### Progress check against Gantt chart

Use the Gantt chart to evaluate your progress.



### Plan for next week

List the tasks you plan to do in the next week. In case you’re behind schedule, describe what you will do to catch up.

# Second semester W1-W13

## Week 1

Report Date: dd/mm/yyyy

### Tasks done this week

List what tasks you’ve accomplished in this week.

### Progress check against Gantt chart

Use the Gantt chart to evaluate your progress.



### Plan for next week

List the tasks you plan to do in the next week. In case you’re behind schedule, describe what you will do to catch up.

## Week 2 (repeat up to Week 12)

Report Date: dd/mm/yyyy

### Tasks done this week

List what tasks you’ve accomplished in this week.

### Progress check against Gantt chart

Use the Gantt chart to evaluate your progress.



### Plan for next week

List the tasks you plan to do in the next week. In case you’re behind schedule, describe what you will do to catch up.

## Week 13 (Conclusion)

Report Date: dd/mm/yyyy

### Tasks done this week

List what tasks you’ve accomplished in this week.

### Progress check against Gantt chart

Use the Gantt chart to evaluate your progress.

