**COMP 2432 Operating System**

**First Stage - Project Plan**

Group 5

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**A. Project Schedule**

| # | Content | Description | Time |
| --- | --- | --- | --- |
| 1 | Project Plan |  | Feb 11th, 2023 |
| 2 | C Language Prototype | * Implement a program with single parent process and multiple child processes | Feb 12th - Feb 28th, 2023 |
| 3 | Part 1 - get the input | * Individual input collection. * Batch input collection; i.e from files * Appointment details storing(data structures) | Mar 1st - Mar 4th, 2023 |
| 4 | Part 2 - users availability checking | * Individual user availability check * Batch availability [reusing the codes for individual user availability check] * Accept or decline appointment | Mar 5th - Mar 10th, 2023 |
| 5 | Part 3 - Scheduling module | * Implement FSCS. * Implement the second scheduling algorithm. * Integrate all the developed algorithms into a single scheduling module. * Use the module to generate the timetable. | Mar 11th - Mar 18th, 2023 |
| 6 | Part 4 - Output module | * Print the appointment schedule for users * Print rejected the appointment. | Mar 19th - Mar 24th, 2023 |
| 7 | Project Report Writing |  | Mar 21st - Mar 27th, 2023 |