

# Real-Time and Embedded Systems Design – Assignment(1)

## Team 17

Eman Khaled 18P9713

Omar Hussien 18P1265

Farah Essam 18P3448

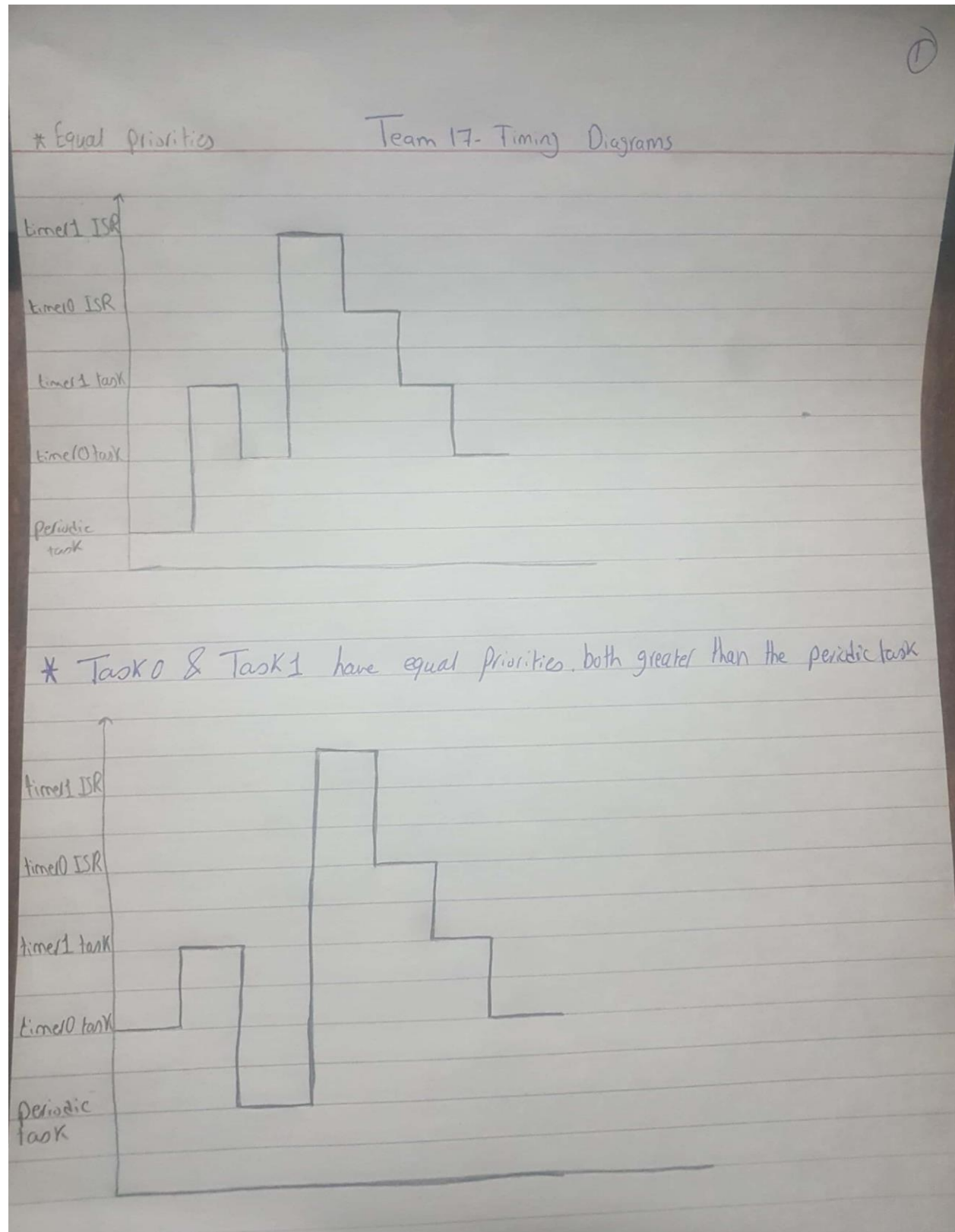
Mohamed Mostafa 18P9474

Shehab El Din Adel 18P3863

**Project files link:**

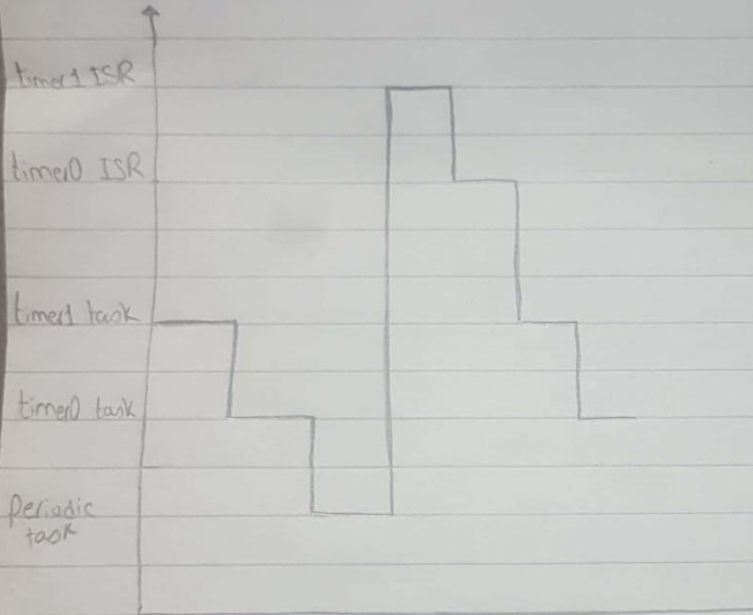
[Team17 Assignment.rar - Google Drive](#)

**Timing Diagrams:**



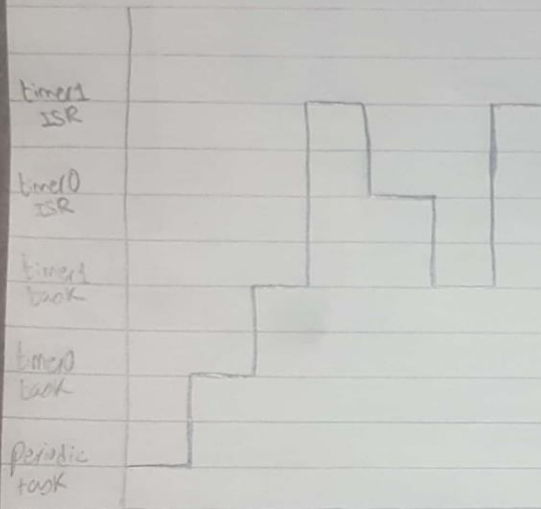
(2)

- Task 0 → lower priority
- Task 1 → higher priority
- \* both greater than periodic task \*

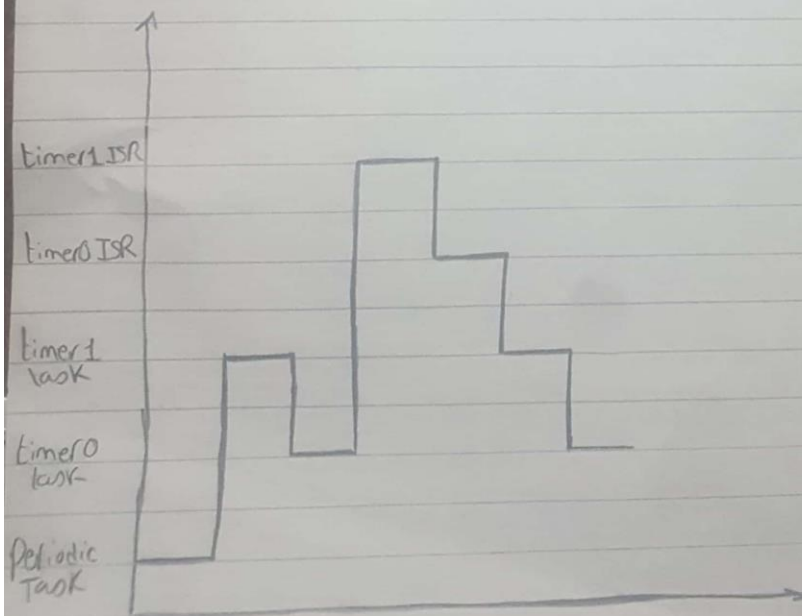


(3)

\* Task 0 & 1 have equal priorities  
both less than periodic task



\* Task 0 (lower priority) & Task 1 (higher priority) have different  
priorities both less than periodic task



(4)

\* Periodic task is less than task 1 priority  
but more than task 0 priority

↑ higher priority  
task 1  
Periodic task  
task 0

