Project Specification

GP106: Computing (E/15)

Build Tic-Tac-Toe Game Board with Arduino Uno

Course	GP106: Computing		
Batch	E/15		
Project Mode	Group - 3/4 members (same as the lab groups)		
Duration	4 weeks		
Milestones	2 regular and 1 bonus		
Marks	15% (regular milestone) + 5% (bonus milestone)		
Resources	A complete development kit is given by the department, one per group.		
Preamble	15% (regular milestone) + 5% (bonus milestone)		

Milestone #	Deliverables	Deadline	Marks
1	Working display of the game board (LEDs) with inputs given by a Matlab program for game states: 1a. The circuit diagram and the hardware 1b. The flowchart and the software	07-Sep-2017	6
2	The completed game board 2a. The circuit diagram and the hardware 2b. The flowchart and the software	21-Sep-2017	9
Bonus	An extra innovative feature Note that the bonus milestone will be marked, only if both the regular milestones are completed. For the bonus milestone, you will be evaluated according to your innovativeness, creativity and the technical difficulty of the feature.	21-Sep-2017	5

Please clarify any doubts from the project forum. Wish you happy making!