Complete the “yellow” tabs and delate the phrases in italics.  
You can duplicate the table “Project”, if more than one project are due for the homework.

|  |  |  |  |
| --- | --- | --- | --- |
| Team name: | *A1* | | |
| Homework number: | *3* | | |
| Due date: | *03/10/2022* | | |
|  |  |  |  |
| Contribution | NO | Partial | Full |
| 1 *Giorgio Donato Carlo* |  |  | *x* |
| 2 Lodari Gianmarco |  |  | *x* |
| 3 Lenzi Francesco |  |  | *x* |
| 4 Chiapparo Lenn |  |  | *x* |
| 5 *Lanzini Alessio* |  |  | *x* |
| Notes: | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Project name | UART send names/birthdate DMA | | |
| Not done | Partially done  (major problems) | Partially done  (minor problems) | Successfully completed |
|  |  |  | *x* |
| Explanation: we followed the procedure explained in the laboratory lecture slides. Therefore we enabled the DMA from the .ioc interface and used the DMA HAL function to send the string (Francesco 2000) we declared. All the aforementioned operations are done in the main. | | | |
| Professor comments:  Ok! | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| Project name | Display names on the LCD screen | | |
| Not done | Partially done  (major problems) | Partially done  (minor problems) | Successfully completed |
|  |  |  | *x* |
| Explanation: we followed the procedure expounded in the laboratory lecture slides also for this project. To do so, we set the correct pins for the LCD display from the .ioc GUI. Then, in the .c file, we included the library that the professors provided us in order to use the functions needed to set the LCD screen.  After declaring an array of strings that contained our team members names, we used the initialization functions for the LCD and called the displayNames(\*[pointer\_to\_the\_string\_array], [string\_array\_length]) function, in which we display the first name and then the other names in a rotating fashion, by refreshing the screen every second. | | | |
| Professor comments:  Ok! | | | |