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|  | **CMPS 356 Project**  **HalaqaMetrash Web App** | |
| **Group Id:** | | G? |
| **Group Members:** | | Student1 full name (StudentId)  Student2 full name (StudentId)  Student3 full name (StudentId)  **Emails:** student1@student.qu.edu.qa; student2@student.qu.edu.qa; student3@student.qu.edu.qa; |

**Grading Rubric - In the Functionality column please specify either: *Working (completed x%)*, *Not Working (completed x%)* or *Not done*.**

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| **Criteria** | **%** | **Functionality\*** | **Quality of the implementation** | **Your Grade** |
| **Application Design**  Architecture Design, Classes Design and the UI Design to deliver HalaqaMetrash use cases.  The design documentation should include at least the following:  • Class Diagram showing Entities, Repositories and Services and Controllers  • UI Design and navigation | 10% |  |  |  |
| **Complete and correct implementation of the requirements:** | 75% |  |  |  |
| * Login | 7 |  |  |  |
| * Student Registration (get, add, update, change enrolment status to inactive) | 15 |  |  |  |
| * Get Tasks | 12 |  |  |  |
| * Complete task | 8 |  |  |  |
| * Delete task | 6 |  |  |  |
| * Add Task | 10 |  |  |  |
| * Update task | 6 |  |  |  |
| * Get Messages | 8 |  |  |  |
| * Post/Update/Delete Message | 10 |  |  |  |
| * Get Announcements | 8 |  |  |  |
| * Post/Update/Delete Announcement | 10 |  |  |  |
| **Overall implementation quality** | 10% |  |  |  |
| **Testing documentation** with evidence of correct execution using snapshots illustrating the results of testing. | 5% |  |  |  |
| **Total** | 100 |  |  |  |
| Bonus - successful deployment of the app to a cloud hosting service such as <https://vercel.com/> | 5 |  |  |  |
| Copying and/or plagiarism or not being able to explain or answer questions about the implementation | -100% |  |  |  |

**\* Possible grading for functionality** - ***Working*** (get 70% of the assigned grade), ***Not*** ***working*** (lose 40% of assigned grade and ***Not done*** (get 0). The remaining grade is assigned to the quality of the implementation.

In case your implementation is not working then 40% of the grade will be lost and the remaining 60% will be determined based on of the code quality and how close your solution to the working implementation.

Solution quality also includes meaningful naming of identifiers (according to Android naming conventions), no redundant code, simple and efficient design, clean implementation without unnecessary files/code, use of comments where necessary, proper code formatting and indentation.

**Marks will be reduced** forcode duplication, poor/inefficient coding practices, poor naming of identifiers, unclean/untidy submission, and unnecessary complex/poor user interface design.

# Application Design

# Class Diagram of Entities, Repositories and Services and Controllers

# UI Design and navigation

# Testing

# Login

# Student Registration (get, add, update, set to inactive)

# Get Tasks

# Complete task

# Delete task

# Add Task

# Update task

# Get Messages

# Post/Update/Delete Message

# Get Announcements

# Post/Update/Delete Announcement