



TEXAS A&M
UNIVERSITY *at* QATAR

ECEN 403

Electrical Design Laboratory - Summer 2024

Senior Design Project Team Agreement

Team 2:

Ahmad Al-Ibrahim- 231001659

Ibrahim Al-Naimi- 528001587

Noof Al-Meghessib – 430006372

Aisha Al-Suwaidi- 630006277

Noora Al-Muhannadi 731006160

Course Instructor:

Dr. Khalid Qaraqe

Electrical Engineering Department, Texas A&M University at Qatar

Mentor:

Dr. Lilia Aljihmani

Lab Instructor:

Dr. Wesam Mansour

Electrical Engineering Department, Texas A&M University at Qatar

Submission Date

26th May 2024

“On my honor, as an Aggie, I have neither given nor received unauthorized aid on this academic work.”

Team mission

Our mission is to enhance the safety and well-being of construction workers through innovative technology. By developing a wearable wristband equipped with a multi-sensor system for fatigue detection, we aim to provide real-time monitoring and alerting to prevent accidents and injuries on construction sites.

Roles and Responsibilities

Ahmad:

1. Leader of the team
2. Ensuring timely completion of the assignments.
3. Distribution of the tasks
4. Communicating with the mentor and setting the meetings

Ibrahim:

1. Ordering equipments
2. Gathering and turning in assignments

Aisha:

1. Developing and gathering the Survey Data.
2. Manage the budget of the project.
3. Ensure that the team members are on track with the project timeline.

Noora:

1. Recording meeting minutes.
2. Developing and gathering the Survey Data.
3. Update the project timeline.

Noof:

1. Building and updating the website
2. Producing the video

Meeting guidelines

1. Team members should attend meetings on time, and should notify team members in advance if he/she is not attending.
2. Team members should meet 2-3 times a week, or more if necessary.
3. Team members should meet with the mentor twice a week, or more if necessary.
4. Team members should respect each other.
5. Team members should be prepared in advance with all necessary materials and review the agenda before attending the meeting.
6. Project decisions should be based on majority votes to avoid any conflict and reach a decision that is supported by most of the team members.
7. Team members should always keep track of the project timeline and ensure that the tasks are completed within the time set.
8. Ensure all the decisions taken are clearly communicated and documented
9. If a group member does not like another member's work that has been assigned to them, they have no authority to change anything unless the leader approves. Additionally, the member should be informed about it beforehand.






Conflict resolutions

In the event of a conflict or disagreement, the following steps will be taken to ensure a fair and efficient resolution:

1. A vote will be conducted during the team meeting to address and attempt to resolve the issue.
2. If the conflict remains unresolved after the voting process, the team leader will make the final decision.

This approach ensures that all team members have an opportunity to voice their opinions and participate in the decision-making process, while also providing a clear and authoritative resolution mechanism.

I have understood and agreed on all of the terms and conditions of this contract.

Name	Signature	Date
Ahmad Al-Ibrahim		26 th May 2024
Ibrahim Al-Naimi		26 th May 2024
Noof Al-Meghessib		26 th May 2024
Aisha Al-Suwaidi		26 th May 2024
Noora Al-Muhannadi		26 th May 2024