Kingdom of Saudi Arabia
Ministry of Education
KING ABDULAZIZ UNIVERSITY
Faculty of Engineering
Advanced Programming

المملكة العربية السعودية
وزارة التعليم
جامعة الملك عبدالعزيز
كلية الهندسة

Engineering Ethics.

Name: Faisal Jehad Abdullah Abushanab
Student number: 1945603
Group number: 5

Read the Saudi council engineers code of ethics, identify and analyze the rules that you have practiced in your EE364 final project.

	KPI's	Exemplary (4)	Satisfactory (3)	Developing (2)	Unsatisfactory (1)	NA (0)
			Outcome (f): The artifact demonstrates the student's understanding of professional and ethical responsibilities. The student is able to:			
f.1	Demonstrate a knowledge of engineering ethics codes	Knows the codes of ethics relevant to the discipline perfectly.	Knows the codes of ethics relevant to the discipline well.	Knows the codes of ethics relevant to the discipline to some extent.	Does not knows the codes of ethics relevant to the discipline.	
f.2	Demonstrate an understanding of ethical issues	Student perfectly analyzes the ethical dimensions of a real-life engineering situation (or case study) and is able to make the right ethical decisions.	Student well analyzes the ethical dimensions of a real-life engineering situation (or case study) and is able to make acceptable ethical decisions.	Student poorly analyzes the ethical dimensions of a real-life engineering situation (or case study) and is sometimes able to make acceptable ethical decisions.	Student cannot analyzes the ethical dimensions of a real-life engineering situation (or case study).	
f.3	Make informed ethical choices	Uses ethics codes, input from constituencies and common sense to evaluate choices. Accepts responsibility for decisions	Uses heuristics or personal experience to make choices that are consistent with codes. Accepts responsibility	Makes decisions based on personal feelings. May avoid taking responsibility for actions	Behaves unethically and blames others for failures	

Rule	Analysis
2-1 Engineers should strive to upgrade their professional levels through using adequate means such as, engaging in professional events, presenting research papers and technical studies, attending international professional meetings, and shall encourage engineers and technicians under their supervision to that end.	Throughout the project implementation, we have faced some difficulties. For example, we had problems using javaFx, so we tried to read the material of the book and search on reliable sources to master this topic
2-3 Engineers shall observe fairness in entrusting other members with engineering assignments, which should be appropriate to their experience and training	Each member in the team has been assigned tasks in the area that he feels comfortable doing it, also the tasks were divided between team members equally in time and effort.
6-1 Engineers shall bound to the highest accepted standards of public safety and environment protection principles in design documents prepared or reviewed by them, engineering judgments, decisions and practices. Engineers shall inform their clients or employers of the possible consequences of any threat or potential risk to the safety, health and welfare of the public that may	We always make sure to fulfil the exemplar requirements in the rubric provided by the instructor to assure that the project is done according to the maximum level of quality

result from a proposed engineering solution	
6-2 Engineers shall provide, wherever possible, publications illustrating testing instructions, and quality control measures for their products and services with the intension of spreading public awareness to safety and security levels or life cycle of their designs, systems or products	All codes of our project is published in a public Github repository, so the instructor and any one has access to the files, and they can suggests ideas regarding the project's improvements, also at the end of the project any one can improve the project according to their requirements
10. to assist colleagues and co-workers in their professional development and to support them in following this code of ethics.	Providing support for any member of the team, if they have difficulties understanding something about the assigned task to them. Also help them to improve their work, and acting ethically