(7)

ECTE250 Deliverable 1 Proposal Presentation Marking Sheet

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Comments

① Smart motion detecting System. how will you detect a fall. Accelerometer vs gyroscope. detect fall? | cosy the match | ?

② Safety remote monitoring. (Gas leakage detection) How is missing? how many incidents have happened in dubai, UAE? Ans Sensor?

Team Marks

Structure: presentation flow, timing, inclusion of introduction, main body and conclusion.	**Content:** Was the content relevant? (see below)	**Visual Aids:** Appropriate use of diagrams and illustrations.	**Questions:** Ability to answer questions clearly and concisely by all team members.	**Total marks**
Mark (/5)	**Mark (/5)**	**Mark (/5)**	**Mark (/5)**	**Mark (/20)**
2.5	2.5	2.5	2.5	10

Which project do you think should be selected? (aligned with theme and requirements, feasible within allocated time and budget):

motion detection with physician connection

Content Required for Deliverable 1: Minimum 2 maximum 3 project proposals: each should include:

- Description of the project and key functionalities.
- Justification on how the proposed system aligns with the theme.
- Preliminary design (block diagrams, flowcharts, state charts, etc.).
- Justification on how the proposed system aligns with requirements and constraints.
- Estimated prototyping (parts) and labour cost.
- Prospective market and impact.

Marking Guide:
1: Very Poor - Most of the criteria is not met.
2: Poor - While most criteria are met, it is not of a satisfactory standard.
3: Average- All criteria are met to an acceptable level.
4: Good - All criteria are met and the presentation is of a good standard.
5: Very Good - All criteria are met and the presentation is of a very good standard.

Themes

The development of products interfaced to the Internet that make use of sensors, actuators, display and programmable devices, i.e. Internet of Things (IoT) and their applications. The major sub-theme for this year is IOT and their applications:

- In transport and traffic management
- In health (aged care – dementia etc)
- In manufacturing industry (IR 4.0)
- In humanitarian engineering (low cost engineering solutions for those in need)
- Similar IOT applications above