

CITS 5506: Internet of Things

Rubric for Project Proposal

Total Marks: 100

| Task Nr | Task Detail | Marks | Exemplary (100%-80%) | Proficient (80%-60%) | Satisfactory (60%-30%) | Not Satisfactory (30%-0%) |
|---------|---|-------|--|---|---|--|
| 1 | What is the problem ? What is benefit of its solution? What is the impact of the solution? | 15 | Logically fully explained and all aspects covered. | Most aspects explained with logical reasoning. | Explained but improvement possible in explanation or aspects missed or irrelevant material included. | Poorly written, lack considerable reasoning, irrelevant material, many aspects missed. |
| 2 | How comprehensive is literature research , reporting the related work ? | 15 | A very comprehensive literature research | Good literature research and related work | Average literature research and related work. | Unsatisfactory literature research and related work. |
| 3 | How will you do the project? Explain your design approach . | 15 | Design Approach fully explained, steps mentioned in a chronological order. | Design approach and steps explained but some design aspects are missing. | Design approach and steps written but many aspects missing or not logically/ chronologically explained. | Approach and steps are hard to understand. Lack of logical thinking. |
| 4 | Block diagram of the proposed design. | 15 | Block diagram fully gives subsystems, their relationship and interdependence. | Block diagram gives most subsystems, their relationship and interdependence. Few aspects are missing. | Block diagram gives some subsystems, their relationship and interdependence OR the relationships are not fully correct. | Block diagram is hard to understand, subsystems are poorly thought, relationship among the subsystems is incorrect. |
| 5 | Explain design in terms of subsystems , their functionalities (software and Hardware) and their interdependence . Sub teams are made, and project divided into tasks for sub teams with sequential and defined timeline . | 20 | Subsystems, their functionalities, interdependence are fully explained, and a logical timeline made. | Most Subsystems, their functionalities, interdependence explained, and a logical timeline made. | Most Subsystems, their functionalities, interdependence explained, and logical timeline made but can be improved with effort. Some logical aspects in timeline are missed or incorrect. | Subsystems, their functionalities and interdependence are not clearly thought or poorly explained. Logical error in the approach. Timeline can considerably improve. |
| 6 | Hardware Identified | 10 | All hardware identified with sources and delivery time | 80% hardware identified with sources and delivery time | 60% hardware identified with sources and delivery time | Less than 60% Hardware identified. |
| 7 | References | 10 | Comprehensive list of references made regarding all aspects of project and referred in the proposal text | List of references made regarding most aspects of project and appropriately referred in project proposal text | List of references made regarding 40 % to 50% aspects of project, and not fully referred in the project proposal text. | References poorly researched, irrelevant or not correctly referred in the proposal text. |