



MINI PROJECT

ENT262/ENT263 (2019/2020)

EXAMPLE OF PROJECTS

- Smart Vehicle
- Smart Home
- Smart City
- Parking Systems
- Class Attendance Monitoring
- Smart Shops (Counting for Guests)

COMPLEXITY OF THE PROJECTS

- Half or Full Adder (Example: Simple Calculator)
- Mux-Demux (Example: Data Management)
- Flip-Flop (Example: Counting)
- Shift Register (Example: Counting)

* Should be Support by Boolean + Karnaugh Map

REPORT

Objectives, Scope, Problem Statement

Background/Literature Review

Methodology

Result

Discussion

Conclusion

Recommendation/Future Work

2 or 3

Members
in Group

Report submission on
Week 15.

PRESENTATION

Courtesy

Preparation

Suitable Adding Figure

Ability to Respond

Deliverable

Presentation on
Week 14 or 15.

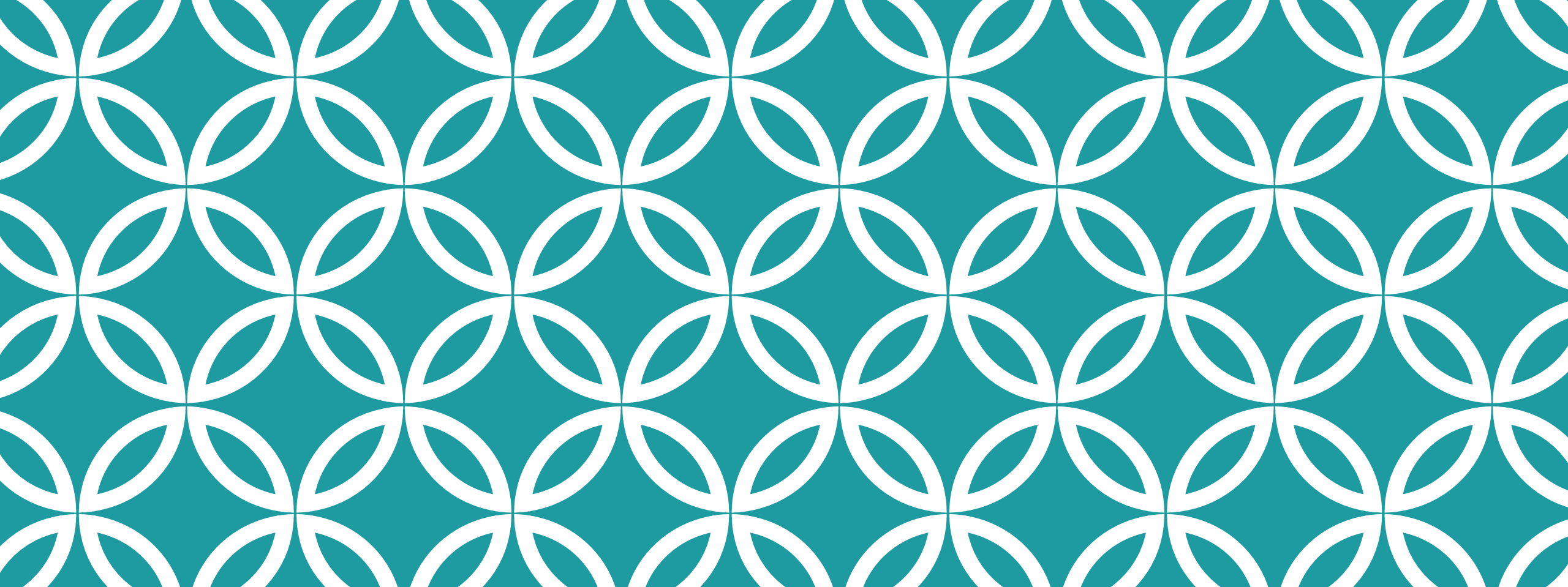
Please prepare the
power point slide.

**Please make a video for
your group project.*

MARKS BASED ON RUBRIC (EXAMPLE)

No.	Aspect	Rubrics				
		5	4	3	2	1
OBJECTIVE						
1	Abstract	All project criteria including research field, problem statement, proposed solution, expected result were accurate, clearly and concisely stated.	All project criteria accurate and concisely stated but not very clear.	Not all criteria stated but statement was accurate, concise and clear.	Many criteria not stated and statement was not accurate and not clear.	Statement is not relevant to project work.
2	Objective, Scope and Problem Statement	All objective, scope and problem statement were complete, accurate and clearly stated.	Criteria as (5) except that not completely stated.	Criteria as (5) except not complete and not clearly stated.	Statement not complete, not accurate and confusing.	Statement very weak, not complete or not relevant.
3	Background/Literature review	Thorough information collection from latest and variable sources, relevant to the project, with good quality and in very quantity (e.g 10++).	Criteria as (5) except information collection in adequate quantity (e.g 5++)	Information collection from limited sources (e.g less than 3) and minimal numbers of quality sources.	Information collection that is less relevant, from low quality sources and in inadequate numbers (e.g less than 2)	Information collection not relevant, not suitable and not satisfactory.

Total Marks: **10%** (Report + Presentation)



THANK YOU

“Get going. Move forward. Aim High. Plan a takeoff. Don't just sit on the runway and hope someone will come along and push the airplane. It simply won't happen. Change your attitude and gain some altitude. Believe me, you'll love it up here.”
— Donald Trump