

PROPOSAL DEFENSE — CHEAT SHEET

Traffic Rule Awareness & Violation Management System · Samir Baral & Santosh Subedi · BIM 6th Sem

SPEAKER FLOW

#	Who	Cue (S = Samir, ST = Santosh)
1	S	Greet panel. Introduce us + project + supervisor.
2	ST	Info is scattered → we unify rules, signs, quizzes, reporting & management in one web app.
3	S	3 problems: hard public access, manual records, no unified system.
4	ST	Objectives: digital rules/signs/penalties, quizzes, citizen reporting, admin manage, reports.
5	S	Iterative method: analysis → design (ER/DFD/use-case) → build → test → docs.
6	ST	Functional + non-functional needs; feasible technically, operationally, economically.
7	S	Tools: React · Node/Express + JWT · MySQL · Git · Draw.io.
8	ST	Outcome: working system + complete project report.
9	S	Schedule ≈ 14 weeks (design 2w, backend 3w, frontend 3w, testing 2w).
10	ST	References — APA 7th style.
11	S	Thank the panel; invite questions.

TOP 5 QUESTIONS

1. How is it different from existing systems?

→ We combine awareness + sign learning + quizzes + citizen reporting + admin management in one place; others focus only on payment/licensing.

2. Scope and limitations?

→ Awareness, reporting & admin management — NOT legal enforcement or e-payment; reports verified manually; no GPS/vehicle-DB yet.

3. Why React, Node.js, MySQL?

→ Free, well-known, responsive UI, simple REST API, and relational data (users, rules, violations).

4. How is data secured?

→ bcrypt-hashed passwords, JWT auth, role checks on admin routes, input validation.

5. Realistic for two people?

→ Yes — common tech, no special hardware; we split front/back end and already have a working prototype.

Speak slowly · look at the panel · it's a plan, sell feasibility · thank them at the end.