

Meeting Minutes – Technical Direction & Research Planning

Prepared by: Anandhu Raveendran (24254189)

Date: 12 September 2025

Project: Language-Based Geographic Reasoning System

Attendees: Whole group

Key Decisions

- Use slides for demos; avoid live runs.
- Ignore DB import/user-input options in demos.
- Focus next 3 weeks on **single-table** flow; freeze once stable.
- Plan for **multi-table** support when client schemas arrive.

Evaluation & Reporting

- Measure LLM-SQL accuracy vs ground truth.
- Produce an overall report: per-query accuracy, error types, and brief notes.
- Show result comparisons (rows/aggregations) where applicable.

Workflow

- Ensure queries are spatially aware; verify before execution.
- Output both map visualisation and a tabular summary.
- Maintain an annotated notebook for code, data, queries, and interpretations.

Modelling

- Start sentence classification to map NL queries → tables/attributes/spatial ops.
- Prefer 3 classification levels (simpler, more interpretable).