

# TEAM 1 Status Report #2

**Date:** 2/4/2025

**Status Paragraph:**

Set up VM and necessary permissions.

Accomplishments	Notes	Date
Group learned React		2/4
Decided on API to build	Group management API (details below)	2/4

**Plans (for next meeting):**

- Finish API development
- Start frontend development
- Research external APIs (for chat, calendar, tasks)

**Blockers:**

- N/A

**Notes:**

## ***Group Creation API - Endpoints***

- **Create a Group** (POST /groups)
  - Creates a new group with name, description, visibility, tags, and creator.
- **Get Group Details** (GET /groups/:groupID)
  - Fetches details of a specific group.
- **Update Group Details** (PUT /groups/:groupID)
  - Updates group details (name, description, visibility, tags).
- **Delete Group** (DELETE /groups/:groupID)
  - Deletes a group (only the creator or admin can delete).
- **List All Groups** (GET /groups)
  - Returns a list of all public groups.
- **List Group Members** (GET /groups/:groupID/members)
  - Fetches a list of members in a group.
- **Remove a Member from Group** (DELETE /groups/:groupID/members/:userID)
  - Removes a member from a group (only admins can remove members).
- **Search for Groups** (GET /groups/search?q={query})
  - Searches for groups based on a keyword.