

# Reviewing

## I. Attendees:

- ☒ Hoàng
- ☒ Tài
- ☒ Mẫn
- ☒ Cường
- ☒ Hollyn

## II. Main Discussion:

### Entity Breakdown

#### Content Entities

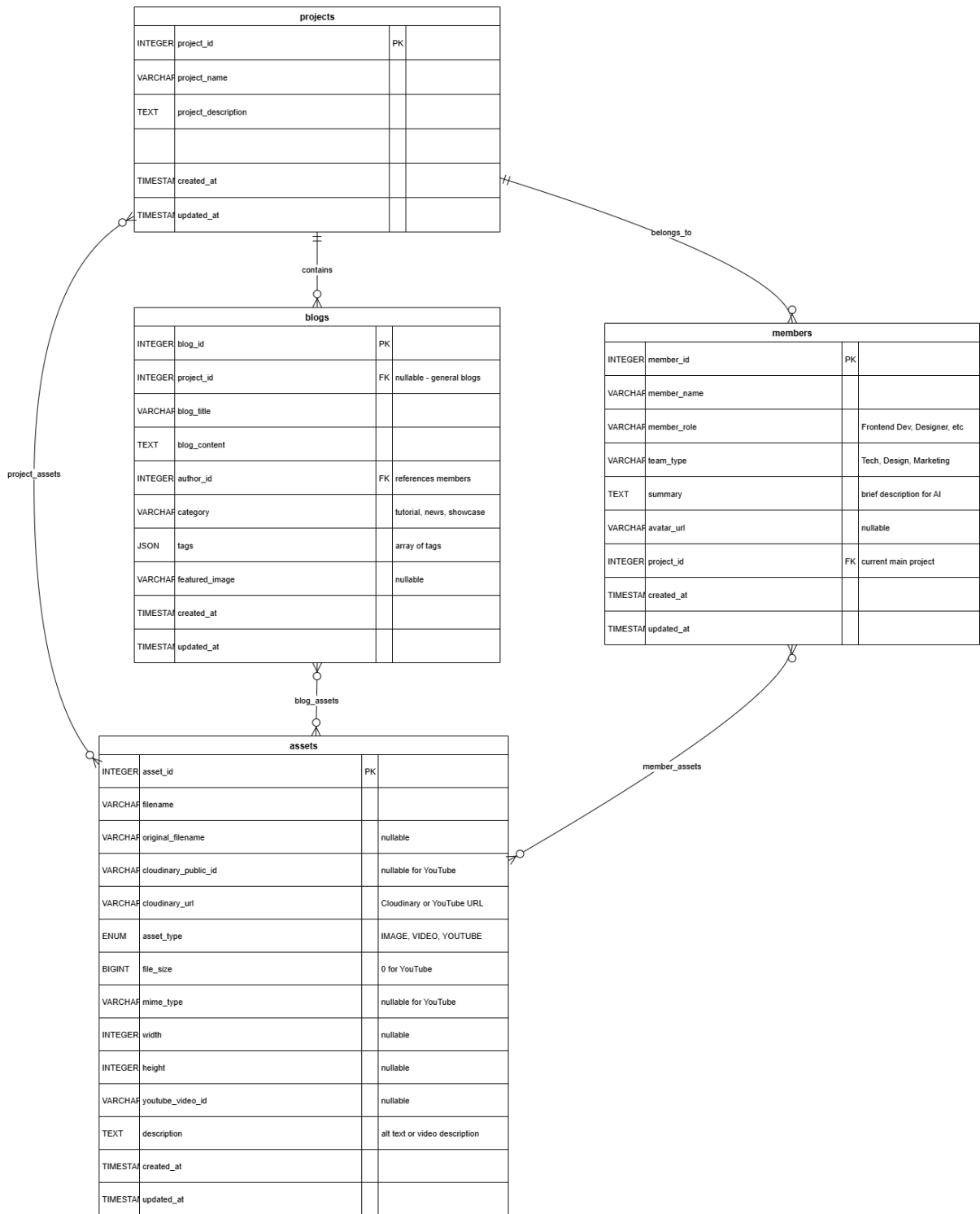
- **projects**: Core portfolio projects with basic info and tech stack
- **members**: Team members with role and brief summary (no complex profiles)
- **blogs**: Content articles linked to projects or standalone
- **assets**: Media files supporting Cloudinary uploads + YouTube embeds

#### System Entities

- **admin\_users**: Single admin authentication for content management
- **chat\_sessions**: Anonymous visitor chat sessions with AI
- **chat\_messages**: Conversation history (user ↔ assistant)
- **tool\_calls**: Tracks MCP tool usage for debugging/analytics

### Key Relationships

- **projects** 1:N **members** (each member assigned to one main project)
- **projects** 1:N **blogs** (blogs can be project-specific or general)
- Many-to-many relationships via association tables for assets
- Simple linear chat: **sessions** → **messages** → **tool\_calls**



project_assets			
INTEGER	project_id	FK	
INTEGER	asset_id	FK	
PRIMARY KEY			project_id, asset_id

blog_assets			
INTEGER	blog_id	FK	
INTEGER	asset_id	FK	
PRIMARY KEY			blog_id, asset_id

member_assets			
INTEGER	member_id	FK	
INTEGER	asset_id	FK	
PRIMARY KEY			member_id, asset_id

admin_users			
INTEGER	admin_id	PK	
VARCHAR	username		unique
VARCHAR	password_hash		
VARCHAR	full_name		
TIMESTAMP	created_at		
TIMESTAMP	last_login_at		



has



admin_sessions			
INTEGER	session_id	PK	
INTEGER	admin_id	FK	
VARCHAR	session_token		
TIMESTAMP	expires_at		
TIMESTAMP	created_at		

chat_sessions			
INTEGER	session_id	PK	
VARCHAR	session_token		
TIMESTAMP	created_at		
TIMESTAMP	last_activity_at		



contains



chat_messages			
INTEGER	message_id	PK	
INTEGER	session_id	FK	
ENUM	role		USER, ASSISTANT
TEXT	content		
TIMESTAMP	created_at		



may\_trigger



tool_calls			
INTEGER	tool_call_id	PK	
INTEGER	message_id	FK	
VARCHAR	tool_name		
JSON	tool_input		
JSON	tool_output		
TIMESTAMP	created_at		