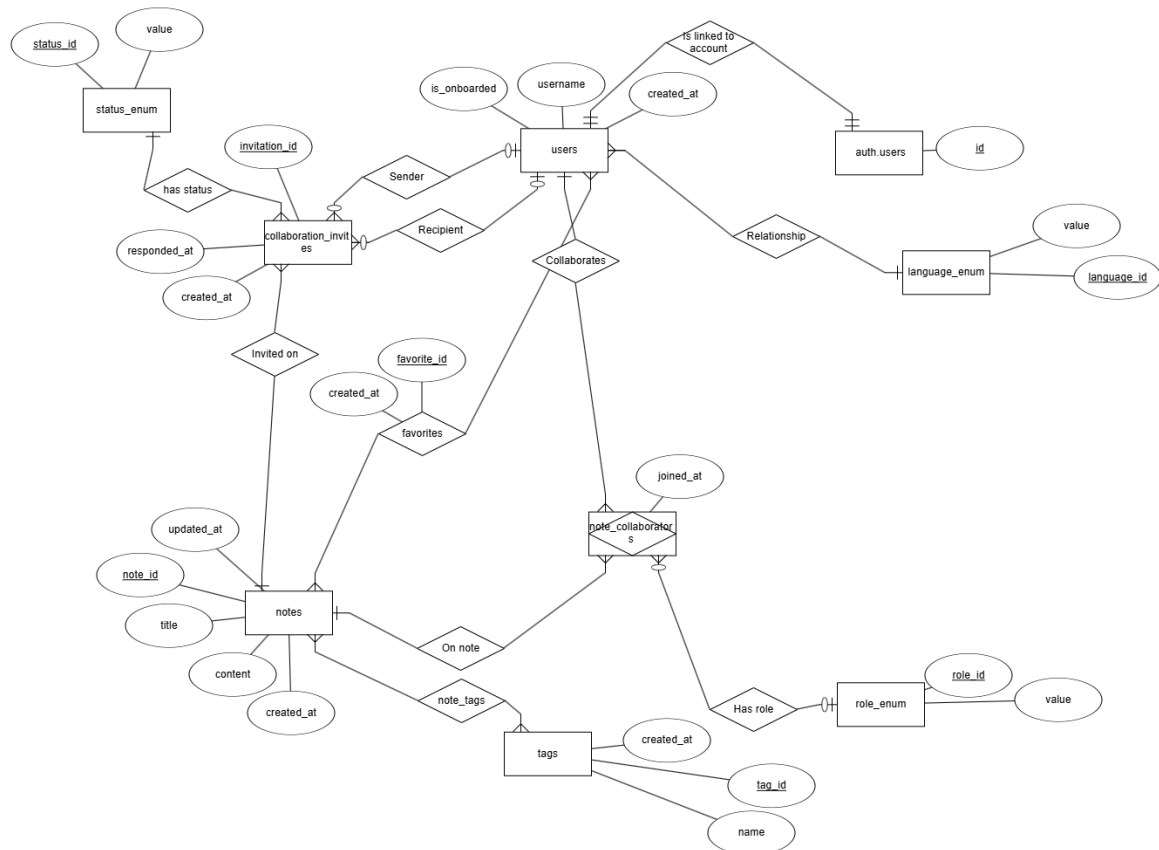Notely – note taking application
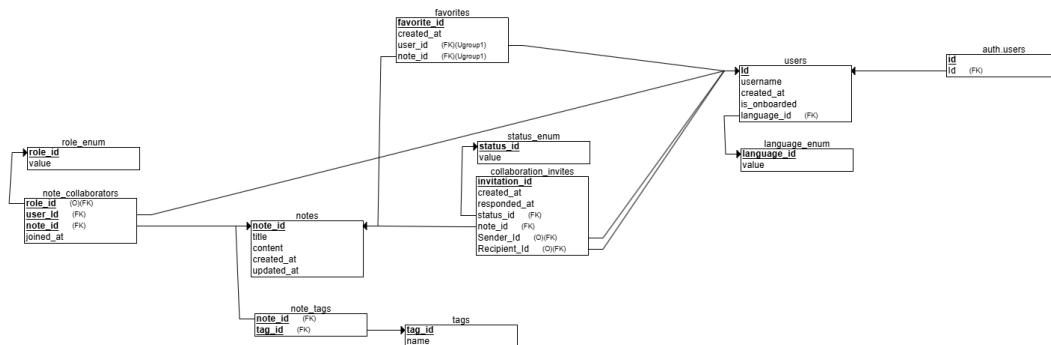Group 5
Emil, Emmi, Musa, Verner
1. Description of the project

This application is a modern collaborative note taking application, that is aimed towards people in the it-industry, that want modern solutions to working on projects in teams, having the ability to organize efficiently and make code more presentable in notes.

2. ER-diagram

3.Converted relational database diagram

4. Example data, and description

User

id	username	language	is_onboarded	created_at
U1	Matti	L1	True	2025-09-14
U2	Teppo	L2	True	2025-11-10

User table includes id, username, language, is_onboarded and created_at attributes
- id(pk): comes from Supabase schema "auth"-databases "users" table
- Username
- language enum, enumarion tyoe that determines users language and what is displayed in the application
- created_at is a timestamp for creation of user

Notes

note_id	title	content	created_at	updated_at
N1	Notely test	test	2025-09-14	2025-09-14
N2	Ostoslista	test2	2025-11-10	2025-11-10

Notes table represents a notes information
- **id (pk)**
- **title - title**
- **content - content**
- **created_at when created**
- **updated_at when edited**

Note_collaborators

role_id	note_id	user_id	joined_at
R1	**N1**	**U1**	2025-09-14
R1	**N2**	**U2**	2025-09-14
R2	**N1**	**U2**	2025-11-10
R2	**N2**	**U1**	2025-11-10

Note_collaborators table represents which users are collaborating on a specific note
- **role_id(pk)**
- **note_id(fk)**
- **user_id(fk)**
- **joined_at timestamp when user was added to collaboration**

Collaboration_invites

invitation _id	note_id	sender_id	recipient_ id	status_id	responde d_at	created_a t
I1	N1	U2	U1	S1	2025-09-14	2025-09-14
I2	N2	U1	U2	S1	2025-09-14	2025-09-14

Collaboration_invites represents users invites that can be declined or accepted
- **invitation_id(pk): invitation id**
- **note_id(fk): note that the user is invited to**
- **recipient_id(fk): user that is invited**
- **sender_id(fk): user that is inviting**
- **status_id(fk): invite status**
- **responded_at (timestamp): When responded**
- **created_at: (timestamp): When created**

Role_enum

role_id	value
R1	Owner
R2	Editor
R3	Viewer

Role_enum is an enumeration type that represents users privileges in a note
- **role_id(pk)**
- **value is user level**

Language_enum

language_id	value
L1	EN
L2	FI
L3	VN

Language_enum is a enumeration type that determines what language a user uses in the application
- **language_id(pk)**
- **value is language code**

Status_enum

status_id	value
S1	Accepted
S2	Declined
S3	Waiting

Status_enum is an enumeration type that determines what status is a collaboration invite at
- **status_id(pk)**
- **value is the current status**

Favorites

favorite_id	user_id	note_id	created_at
F1	U1	N1	2025-09-14
F2	U2	N2	2025-11-10

Favorites is a table that checks if certain user has favorited a certain note
- **favorite_id(pk)**
- **user_id(fk)**
- **note_id(fk)**
- **created_at timestamp when a user was added to the note**

Tags

tag_id	name
T1	Math

T2	Physics
T3	Coding

Tags table determines a notes category
- **ta_id(pk)**
- **name is category name**

Note_tags

note_id	tag_id
N1	T1
N1	T2
N2	T3

Note_tags is a junction table that determines what category a certain note is included in
- **note_id(pk, fk)**
- **tag_id(fk)**