Tinder-like API

Document Signature

Creator	Wiguna Ramadhan
Github	https://github.com/zombozo12/tinder-dealls
LinkedIn	https://linkedin.com/in/wigunarrr

Background / Problem Statement

Tinder-like API is a technical test from Dealls. This API is used to find a match between two users. This API is built using Go and PostgreSQL.

Goals

1. Create a Tinder-like API
2. Create a documentation for the API
3. Create a test for the API

Non-Goals

1. Create a frontend for the API

Functional Requirements

1. Golang 1.21
   A great language for backend development. I choose this language because it's fast, easy to use, and has a great community. For this project, I use Go 1.21 because it's the latest version of Go. Fiber is a great framework for Go, it's fast and easy to use. I use GORM as the ORM for this project because it's easy to use and has a great community.
2. PostgreSQL
   PostgreSQL is a great database for relational data. I choose this database because it's easy to use and has a great community. I use pgx as the PostgreSQL driver for this project because it's fast and easy to

use.

3. Redis

   Redis is a great database for caching. I choose this database because it's fast and easy to use. I use redigo as the Redis driver for this project because it's fast and easy to use.
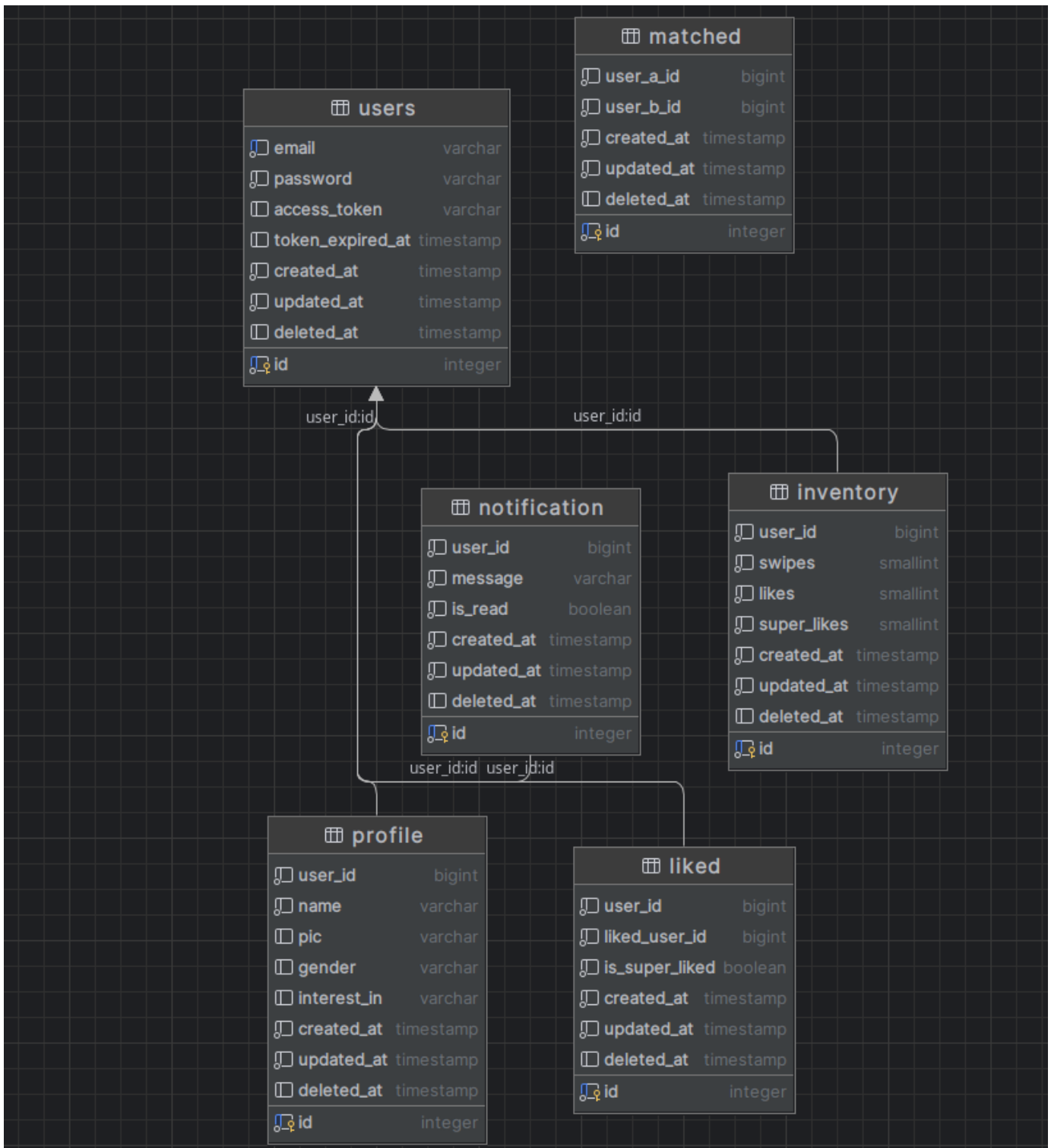
Non-Functional Requirements

1. Sanity

   I use `golangci-lint` to check the sanity of the code.

2. Faith

   I use `go test` to check the faith of the code.

Design

ERD

Test Cases

Unit Test

1. Test for authentication services