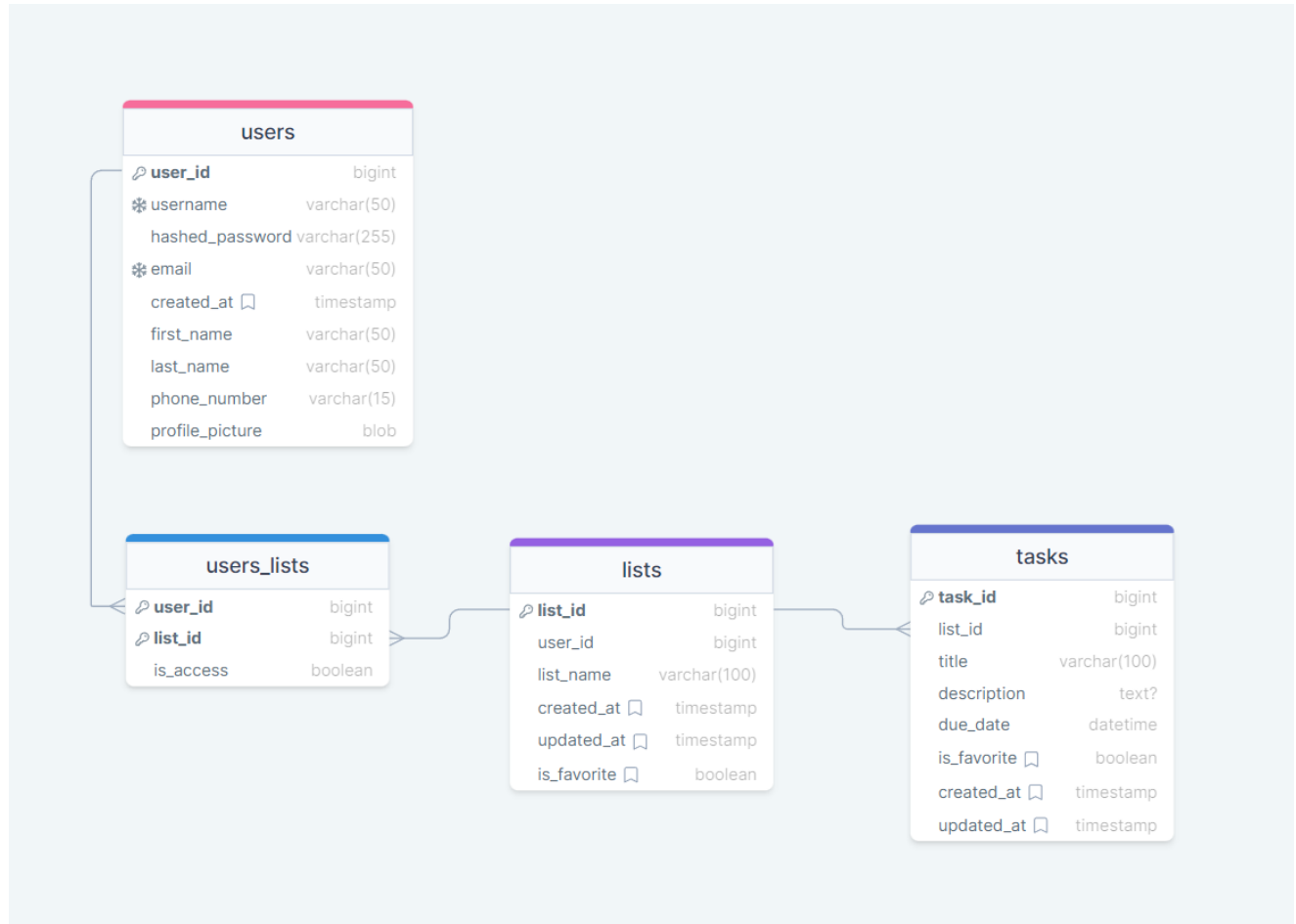


Database Design and Implementation



Database Explanation

Tables

users - Table of users for the application

- *user_id* – (primary key) id of user
- *username* – (unique key) username of user
- *hashed_password* – password of user (hashed)
- *email* – (unique key) email of user
- *created_at* – timestamp of when then user was created
- *first_name* – first name of the user

- *last_name* – last name of user
- *phone_number* – phone number of user
- *profile_picture* – user profile picture

users_lists (shared lists)

- *user_id* – (foreign key) id of user
- *list_id* – (foreign key) id of list
- *is_access* – does the user have access to this list for sharing purposes

lists

- *list_id* – (primary key) id of list
- *user_id* – (foreign key) id of user
- *list_name* – name of the list
- *created_at* – timestamp of when the list was created
- *updated_at* – timestamp of when the list was updated
- *is_favorite* – is the list favorited by the user.

Tasks

- *task_id* – (primary key) the id of the task
- *list_id* – (foreign key) id of the list the task is assigned to
- *title* – the title of the task
- *description* – description of the task if needed
- *due_date* – date of when the task is due
- *is_favorite* – is the tasks favorited by the user
- *created_at* – timestamp of when the task was created
- *updated_at* – timestamp of when the task was edited/updated