

# Read me

Project title: Heart Pulse Tracker

Team members: Han Zhu, Kun Hou, Sapan Upadhyay

1. Website with database: <https://github.com/JohannaZhu1225/HeartPulse>

Our features include:

- user management:
  - users can sign up and activate their account by email confirmation
  - users can reset their password
  - users can update their profile (first name, last name, email, password, home address, phone number, profile picture, leave comments)
  - users can login, logout
  - there can be admin users
    - ◆ admin can manage user accounts(add account, delete account, edit all account details)
    - ◆ admin can manage the website(turn off or upgrade website)
    - ◆ admin can manage user privileges based on per user or email domain
    - ◆ admin can manage sql database(add/delete/edit data)
- sql database:
  - all users data is stored efficiently in sql database
    - ◆ there is a table for all user account (Raw passwords are not stored. Password hash is stored, so there is no way to see this user's password )
    - ◆ there is a table to save user profile
    - ◆ there is a table to save user heart rate information
    - ◆ there is a table to save user login sessions
    - ◆ there is a table to save all changes made by admin account

2. Android Watch: <https://github.com/HouKun1230/Assignment2>

The code is able to collect heart pulse from user and save in database.

3. Invision link:<https://projects.invisionapp.com/share/WJAUYNXC#/screens>

Please let me know if you have any issue.