

Story

User story

As a user, I want to login/register/log out my own account

- login
- register
- log out

As a user, I want to see my own profile and edit it

- edit profile
- edit password
- upload new avatar

As a user, I want to manage my wallet

- check wallet
- bind cards
- delete cards

As a user, I want to manage my order

- check order status
- pay for order
- refund order
- check using certificate
- check receipt
- check timetable for upcoming order

As a user, I want to book a facility

- check all facilities' details
- make an order to book a facility
- pay for an order

- check facilities' timetables

As a user, I want to know news about Gym

- check announcements

Admin story

As an admin, I want to check all orders

- check all orders
- modify orders
 - edit details directly
 - edit order status vid scanning QRcode certification
- add order
- delete order

As an admin, I want to check all users

- check all users
- modify user profiles
- add user
- delete user
- check users' wallet
- modify users' status
 - normal user
 - employee
 - admin

As an admin, I want to check all facilities

- check all facilities and places
- modify facilities' and places' details
- add new facility and places
- delete facility and places

As an admin, I want to modify settings of gym system

- set working time

As an admin, I want to check all banks

- modify banks' details
- add new bank
- delete bank

Task

User Task

- create home system
 - create announcement system
 - create announcement component in home page
- create facility system
 - create facility page
 - create facility details page
 - create place details page
 - create booking component
 - create payment dialog in booking page
 - create timetable component
- create account system
 - create login and register component
 - create log out button
- create user's profile system
 - create user's profile pages
 - create edit profile component
 - create edit password component
 - create upload avatar component
- create wallet system

- create wallet amount component
 - create wallet status component
- create cards system
 - create display cards component
 - create bind card component
 - create delete card component
- create history system
 - create history order display component
 - create order system
 - create payment function
 - create refund function
 - create using certification exhibition
 - create receive receipt function

Admin Task

- create user management system
 - create user exhibition pages
 - create edit users' details function
 - create delete users function
 - create add new user function
- create facility management system
 - create facility exhibition pages
 - create edit facility's details function
 - create delete facility function
 - create add new facility function
- create order management system
 - create order exhibition pages
 - create edit orders' details function
 - create delete order function
 - create add new order function

- create scan QRcode function
- create bank management system
 - create bank exhibition pages
 - create edit banks' details function
 - create delete bank function
 - create add new bank function
- create config management system
 - create config exhibition pages
 - create edit config's details function

5.1 User Management

- Login
 - Type: POST
 - Description: Allows users to log in with their credentials.
- Register
 - Type: POST
 - Description: Allows users to register with their credentials.
- Get user by id
 - Type: POST
 - Description: Allows retrieving user information by ID.
- Change password
 - Type: POST
 - Description: Allows users to change their password.
- Get user list
 - Type: POST
 - Description: Allows retrieving the list of users.
- Log out
 - Type: GET
 - Description: Allows users to log out of their session.
- Get user's profile
 - Type: POST
 - Description: Allows retrieving the user's profile information.
- Get user by username

- Type: POST
 - Description: Allows retrieving user information by username.
- Update user
 - Type: POST
 - Description: Allows updating the user's information.
- Normal User Update user
 - Type: POST
 - Description: Allows normal users to update their profile.
- Update user's avatar
 - Type: POST
 - Description: Allows updating the user's avatar.
- Forget password
 - Type: POST
 - Description: Allows users to reset their password.
- Reset password
 - Type: POST
 - Description: Allows users to reset their password.
- Validate token
 - Type: POST
 - Description: Allows validating the user's token.

5.2 Functionality

5.2.2 Announcement

- Login
 - Type: POST
 - Description: Allows users to log in with their credentials.
- Register
 - Type: POST
 - Description: Allows users to register with their credentials.
- Get user by id
 - Type: POST
 - Description: Allows retrieving user information by ID.
- Change password

- Type: POST
 - Description: Allows users to change their password.
- Get user list
 - Type: POST
 - Description: Allows retrieving the list of users.
- Log out
 - Type: GET
 - Description: Allows users to log out of their session.
- Get user's profile
 - Type: POST
 - Description: Allows retrieving the user's profile information.
- Get user by username
 - Type: POST
 - Description: Allows retrieving user information by username.
- Update user
 - Type: POST
 - Description: Allows updating the user's information.
- Normal User Update user
 - Type: POST
 - Description: Allows normal users to update their profile.
- Update user's avatar
 - Type: POST
 - Description: Allows updating the user's avatar.
- Forget password
 - Type: POST
 - Description: Allows users to reset their password.
- Reset password
 - Type: POST
 - Description: Allows users to reset their password.
- Validate token
 - Type: POST
 - Description: Allows validating the user's token.

5.2.3 Bank

- Get banks

- Type: GET
- Description: Allows retrieving the list of banks.
- Add bank
 - Type: POST
 - Description: Allows adding a new bank.
- Update bank
 - Type: POST
 - Description: Allows updating an existing bank.
- Delete bank
 - Type: POST
 - Description: Allows deleting an existing bank.

5.2.4 Card

- Bind Card
 - Type: POST
 - Description: Allows binding a card to the user's account.
- Delete Card
 - Type: POST
 - Description: Allows deleting a card from the user's account.

5.2.5 Config

- Get Config
 - Type: GET
 - Description: Allows retrieving the system configuration.
- Update Config
 - Type: POST
 - Description: Allows updating the system configuration.

5.2.6 Credit

- Admin Get Credit
 - Type: GET
 - Description: Allows retrieving all credits.
- Get Credit
 - Type: GET

- Description: Allows retrieving the user's credit.

5.2.7 Evaluation

- Add Evaluation
 - Type: POST
 - Description: Allows adding a new evaluation.
- Delete Own Evaluation
 - Type: POST
 - Description: Allows deleting the user's evaluation.
- Update Evaluation
 - Type: POST
 - Description: Allows updating an existing evaluation.
- Admin Get Evaluations
 - Type: POST
 - Description: Allows retrieving all evaluations by the admin.
- Get Evaluations
 - Type: POST
 - Description: Allows retrieving evaluations.
- User Get Evaluations
 - Type: POST
 - Description: Allows retrieving user's evaluations.

5.2.8 Facility

- Add Facility
 - Type: POST
 - Description: Allows adding a new facility.
- Get Facility Detail
 - Type: POST
 - Description: Allows retrieving the facility's detail.
- Add Facility Place
 - Type: POST
 - Description: Allows adding a new place for the facility.
- Modify Facility Place
 - Type: POST

- Description: Allows modifying an existing place for the facility.
- Get Facilities By searching tags
 - Type: POST
 - Description: Allows retrieving facilities by searching tags.
- Modify Facility
 - Type: POST
 - Description: Allows modifying an existing facility.
- Get Occupied Facility Place
 - Type: POST
 - Description: Allows retrieving the occupied places for the facility.
- Delete Facility
 - Type: POST
 - Description: Allows deleting an existing facility.
- Delete Facility Place
 - Type: POST
 - Description: Allows deleting an existing place for the facility.
- Get All Facilities
 - Type: POST/GET
 - Description: Allows retrieving all facilities.
- Get Facility By Tag
 - Type: POST
 - Description: Allows retrieving facilities by tag.
- Get Facility By Tag Name
 - Type: POST
 - Description: Allows retrieving facilities by tag name.

5.2.9 File

- Upload file
 - Type: POST
 - Description: Allows uploading a file.
- Upload avatar
 - Type: POST
 - Description: Allows uploading the user's avatar.
- Upload facility image
 - Type: POST

- Description: Allows uploading an image for the facility.
- Upload course video
 - Type: POST
 - Description: Allows uploading a video for the course.
- Upload course image
 - Type: POST
 - Description: Allows uploading an image for the course.

5.2.10 Order

- Create order
 - Type: POST
 - Description: Allows creating a new order.
- Get all order
 - Type: POST
 - Description: Allows retrieving all orders.
- Get order by order code
 - Type: POST
 - Description: Allows retrieving an order by order code.
- Get order by place id
 - Type: POST
 - Description: Allows retrieving orders by place ID.
- Get order by time
 - Type: POST
 - Description: Allows retrieving orders by time.
- Get order by user id
 - Type: POST
 - Description: Allows retrieving orders by user ID
- Type: POST

- Description: Allows retrieving orders by user ID.
- Get receipt by order code
 - Type: POST
 - Description: Allows retrieving the receipt by order code.
- Refund order by order code
 - Type: POST
 - Description: Allows refunding an order by order code.
- Get own order
 - Type: POST
 - Description: Allows retrieving the user's own orders.
- Start order by order code
 - Type: POST
 - Description: Allows starting an order by order code.
- Get orders by status
 - Type: POST
 - Description: Allows retrieving orders by status.
- Create regular order
 - Type: POST
 - Description: Allows creating a new regular order.
- Pay order by cash
 - Type: POST
 - Description: Allows paying an order by cash.
- Get regular order info
 - Type: POST
 - Description: Allows retrieving the information of a regular order.
- Type: POST
 - Description: Allows retrieving orders by user ID.

- Get receipt by order code
 - Type: POST
 - Description: Allows retrieving the receipt by order code.
- Refund order by order code
 - Type: POST
 - Description: Allows refunding an order by order code.
- Get own order
 - Type: POST
 - Description: Allows retrieving the user's own orders.
- Start order by order code
 - Type: POST
 - Description: Allows starting an order by order code.
- Get orders by status
 - Type: POST
 - Description: Allows retrieving orders by status.
- Create regular order
 - Type: POST
 - Description: Allows creating a new regular order.
- Pay order by cash
 - Type: POST
 - Description: Allows paying an order by cash.
- Get regular order info
 - Type: POST
 - Description: Allows retrieving the information of a regular order.