

# Weekly Report

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## Week-1 01/29/2023-02/05/2023

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### Completed Task

- Implement account api including login, register and profile
- Design database for users and facility
- Config the CI/CD
- Implement other API of facility logic for admin user
- Permission controller

### Ongoing Task

- Design database for the system
- Update account API including change password, avatar and etc.
- Implement facility API including get information
- Design the structure of the database
- Design the logic of wallet system
- Implement the logic of payment
- Implement the logic of ordering place and get the receipt

### Challenges

- Hard to design the structure of tables of the system
- Hard to find the logic of wallet, because the system should make users' wallets safe and users can use wallet to pay for an order.

## Week-2 02/06/2023-02/12/2023

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### Completed Task

- Improve the logic of account management, add some validation when register.
- Implement change password, update avatar API.
- Implement upload file API
- Implement facility logic

- Update CORS setting and user Nginx as middleware
- Implement the logic of payment and ordering a facility
- Implement wallet system
- Implement receipt system, user can get receipt after paying
- Design the logic of verify the order with QR

## Ongoing Task

- Update the logic of facility
- Update the logic of payment
- Design the receipt template

## Challenges

- Hard to design the payment system as we should make it safe

## Week-3 02/13/2023-02/19/2023

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### Completed Task

- Fix timezone problem
- Implement configurable configuration
- Add more validator for forms
- Implement refund logic and API
- Add QR code on receipt
- Update logic of creating order and check in
- Update logic of getting a receipt of a order
- Add announcement DAO and update the logic of managing announcements

### Ongoing Task

- Continue to update the logic of payment and order

### Challenges

- None

## Week-4 02/20/2023-02/26/2023

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## Completed Task

- Update API and fix some bugs for ordering
- Fix time sync between server and client
- Update payment status

## Ongoing Task

- Announcement System
- Pagination system
- Editable config

## Challenges

- None

## Week-5 02/27/2023-03/5/2023

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### Completed Task

- Add an API for users to get their own orders

### Ongoing Task

- Validations for some forms

### Challenges

- None

## Week-6 03/06/2023-03/12/2023

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### Completed Task

- Fixed validation issues for phone numbers and emails
- Added validation logic for various fields such as card accounts, bank names, passwords, and facility locations
- Added pagination feature and daily income visualization
- Added config item types and announcement image controller

## Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

## Challenges

- Regenerating the service for certain fixes, such as fixing logout bugs.

## Week-7 03/13/2023-03/19/2023

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### Completed Task

- Fixed announcement image bugs
- Main testing and fixing bugs in APIs
- Updated .gitlab-ci.yml file
- Fixed bugs when modifying a facility

### Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

### Challenges

- None

## Week-8 03/20/2023-03/26/2023

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### Completed Task

- Added subscription feature
- Added evaluation and admin API for facility
- Fixed announcement modification bug

### Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

## Challenges

- None

## Week-9 03/27/2023-04/02/2023

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### Completed Task

- Added yearly and monthly membership options
- Fixed issue causing null returns

### Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms
- Implementing tag feature and associated API

## Challenges

- Debugging issues causing null returns

## Week-10 04/03/2023-04/09/2023

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### Completed Task

- Added tag feature for facilities
- Added API for getting facilities by tag ID

### Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

## Challenges

- None

## Week-11 04/10/2023-04/16/2023

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## Completed Task

- Added feature for modifying and adding facilities using tag names
- Improved refund and card payment processes
- Added feature for password reset using Redis
- Implemented cache system for improved performance
- Fixed bugs related to subscription types and evaluations

## Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

## Challenges

- None

## Week-12 04/17/2023-04/23/2023

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### Completed Task

- Added latitude and longitude feature for facilities
- Implemented logs feature for improved tracking and analysis of user actions
- Added course and coach features
- Improved manager permissions and added rate feature for facilities

### Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

### Challenges

- None

## Week-13 04/24/2023-04/30/2023

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### Completed Task

- Added regular sessions feature and improved subscription management
- Improved security by preventing unauthorized access to sensitive data
- Implemented weekly income visualization
- Fixed bugs related to subscription, evaluation, and payment processes

## Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

## Challenges

- None

## Week-14 05/01/2023-05/07/2023

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### Completed Task

- Improved authentication and authorization processes for better security
- Implemented several new features for subscriptions, including pay by cash, cancel subscription, top up, and withdraw
- Added APIs for admin use and improved regular session order management
- Implemented weekly income visualization
- Fixed numerous bugs related to subscription, evaluation, and payment processes

### Ongoing Task

- Checking status of orders with cron job
- Continuing validations for forms

### Challenges

- None

## Week-15 05/08/2023-05/14/2023

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### Completed Task

- Improved subscription management with cache system

- Fixed bugs related to orders and authentication
- Updated subscription types
- Added cache system for improved performance

## **Ongoing Task**

- Checking status of orders with cron job
- Continuing validations for forms

## **Challenges**

- None