1. Project description (Purpose, functionalities, UIs)
2. Assumptions you made.
3. Workload of each member.
4. Project description
   1. Purpose:

The purpose of this system is to provide an online platform for customers to make appointment with the coach and at the time they want. We think it will be a good way in saving customers’ time, and it can also help in manage the gymnasium in a more efficient way.

* 1. Functionalities:

At the very beginning, customers need to ask staffs to help them to create an account for them. Once the account is created, a member card is created automatically, it will store the customer’s ID and remaining quotas. With the account created for them, customers are able to login to make use of the functionalities of the system. First they will need to login, it’s impossible for them to use the system before login. Second they will need to recharge quotas via AliPay or WeChat Pay, after their recharge, they can now make an appointment with the coach they want. Before they enter the gymnasium, staffs will help them check-in and quota of that account will deduct by one. Also, when the appointment is done, customer and the appointed coach can browse their appointment history in the website. Besides creating customers account, staffs can also create account for coaches. Coach are users who can only view their appointment history, they cannot make new appointments. What’s more, staffs can confirm customers’ recharge, once the payment is confirmed quotas will be added to the account.

1. Assumption of our system

* We allow multiple users join in the system, each of them is identified by user\_id.
* Each member of the system is only allowed to have one member-card, it’s also identified by user\_id, accounts without member-card are not allowed to recharge, for example, coaches are not allowed to recharge, each recharge is identified by recharge\_id.
* Customers are only allowed to make appointments at the time between 9:00 to 12:00 and 14:00 to 21:00, each appointment is identified by appointment\_id.
* Customers and the coach they appoint can only browse the history related to themselves, staffs can browse all appointment history.
* All user can search for other users’ information.
* Customers’ must have remaining quotas in their account before making appointment.