

Eat Together, *Moyobob*!

Team 5

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We solve real issues in the SNU CSE club room

Every day in SNU building 301 unit 314, the CSE club room, something happens repeatedly. That is the ordering food delivery by twos and threes at lunch and supper time. Because nearby student restaurants are not popular, a large number of CSE students eat this way.

It happens repeatedly at the fixed location, at a similar time with similar members. Also, the same problems happen easily every time. With whom will eat today? Someone asks every people in club room if he or she wants to eat together. On the other hand, someone may arrive late and miss the time to order food. Once the member is fixed, it takes a while to decide where and what to eat. It also matters who will make a call and pay for the meal. Furthermore, one of the most cumbersome processes is collecting a bill.

Moyobob will solve those troublesome process neatly! We will address real issues that arise every day. In addition, we will make improvements based on vivid feedbacks of CSE students. We are also considering scalability to other groups like people in other departments or circles or labs. *Moyobob* will be a wonderful service for everyone who would like to eat delivery foods together.

Three key features

Organizing Group & Party

- *Group* and *Party* are the two main units of our service. *Party* is a one-time party of users who want to eat together(e.g. CSE club room supper Chinese food Party, Photography club lunch pizza Party). *Group* is a relatively long-running set of users who are likely to make a Party (e.g. CSE club room Group, Photography club member Group).

- A member of a Group can make a Party and gather people. The user who made the Party is called *Party Leader*, and has some authorities as described below. This is the beginning of the meal with our service.
- Group and Party have several classes like public/half-public/private. Each class has different access authority policy.

Decision making (Choosing the restaurant & menu etc.)

- After organizing Party, members of the Party choose restaurant and menu based on the list early made and added by users.
- The basic decision-making method is surveying choices each member dislike and majority voting. However, it can be modified by Party Leader.
- After choosing restaurant and menu, members of the Party also have to decide who will make a call and who will pay the cost. The basic method is getting volunteers and it also can be modified by Party Leader.

Collecting a bill

- When decision-making steps are set and finally the ordered food comes, one last important step *collecting a bill* is left. This step prevents a situation the person who paid the cost fails to receive money from Party members.
- Our service provides several choices for collecting a bill and simple calculation. We also provide efficient ways to track the record whether the bill has been completed.

Testing & Demo

Moyobob is a web service for solving the real issues in the CSE club room. So we would be able to do several usability tests with our real target users. Those tests would be conducted especially focused on three key features. We also test scalability for various users in different situations. This process would be included in our demo video.