**Scenario 1:** UT Company needs a Taxi reservation system so the customer can reserve a taxi online. The normal process of a reservation is: After Customers call in for reservation, the operator checks if any taxi driver is available during the time that customer asked for and allocate the assignment. All customers who can make reservation should have an account in which company can settle the payment with them. The reservation can be made several minutes or several weeks in advance. The customer needs to tell the company where the pickup address and the destination are, and according to your dispatcher’s experience, we can tell the customers when the best pick up time is.

**Question 1:** Arrange a meeting for the development team and company’s senior management to show that you are capable of developing the system. Please state your schedule for the meeting. **周瑞**

**Question 2:** According to the statement above, please give detailed User Stories to meet the customer’s requirements. **张津兢**

**Question 3:** If one of the senior manager—let’s say the finance director—is not happy about finance module: "Your system didn’t solve my major problem. If customers—may or may not deliberately—forget to save money in their account, we sure don’t want to lose our clients just because they forget to pay advance. If they make reservations, how am I going to get the money? This is going to be a big problem.” How could you resolve the problem? **舒畅**

**Question 4:** Suppose that you have finished your milestone 1.0, design a presentation of the system to senior management of UT Company. **李林**

**Question 5:** It is easy to train the faulty in UT Company how to use the software. But how to make sure that the UT’s clients also know how to use the software when they are already used to make reservations by phone calls? **林鑫**

**Scenario 2:** Suppose that your teacher asks you to develop a personal accounting system along with another student in a month. The system should record every expense and income, and calculate the final venue and expenditure monthly for the people who use it. The software should also be able to compare how venue and expenditure varies in a year. Other function should be considered as well. Your teacher also request that this software should looks interesting so people would like to use it.

**Question 1:** Since it’s a project with no particular customer that you should turn to, please design a questionnaire (based on the potential users) and release it to at least 40 people. Analyze the results of the questionnaire. **曾卓、喻学金**

**Question 2:** According to the statement above, please give detailed User Stories to meet the customer’s requirements. **龙舒昕**

**Question 3:** Suppose the due time is one week from now, your system has included most requirements except a statistic diagram and it looks not so interesting. If you can only choose one of unfinished works, finish diagram or make it interesting, what should you do? Explain why. **方镇武**

**Question 4:** Suppose that your team have finished your milestone 1.0, design a presentation of the system to your teacher and other students. **欧阳锋**

**Scenario 3:** The company you worked for is going to develop a real time strategy game. The theme is about the Northern and Southern Dynasties of China, and the goal is to unify the whole country. This game requires the player to build your bases and an army, use them not only defending themselves from enemy’s attack, but also eliminate enemies’ bases and army.

**Question 1:** Please design a questionnaire (based on the potential users) and release it to at least 40 people to find out what elements do they like in the game. Analyze the results of the questionnaire. **喻轩、姚知运**

**Question 2:** According to the statement above and the result of the questionnaire (please keep contact with **喻轩、姚知运**), and give a general User Stories about the game. **崔兵兵、张文杰**

**Question 3:** Suppose that your team have finished the first version of the game, design a demonstration for the release conference of the game. **程昊**

**Scenario 4:** The company you worked for is planning on get the contract with a foreign trade corporation that specializes in men's casual style clothing. The company needs to develop a stock control system to manage their warehouse and export orders. The system not only needs to manage entry of different kinds of products, but also needs to instruct when, where and how many should they deliver.

**Question 1:** Design a presentation to the senior management of the company to show that you are capable of developing the system. 罗凯

**Question 2:** Please prepare a survey to get the client’s requirement (please list questions you want to ask). **邵瑞琳**

**Question 3:** the warehouse manager said: “The system should keep a record of every storage and delivery of the warehouse including information about when, where and how many. All the goods should be classified and stored properly. We should be able to create, modify, and delete the information of goods. We should also be able to inquiry the information of goods’ and orders according to the product’s name, ID or order ID. Once there’re some goods ‘inventory lower than a certain value, it should warn us. “

According to the statement of the warehouse manager, please give a general User Stories and provide options for him to choose. **查佳慧**

**Question 4: according to the statement in Question 3,** Suppose that your team have finished the first iteration with functions that warehouse manager asked, design a demonstration for warehouse manager. **杨芳捷**

**Scenario 5:** Your company has planned to develop a tower defense game based on Corona-Virus environment. The player needs to buy equipment and weapons to protect human beings. equipment and weapons can be classified into several kinds, some can defend human, some can weaken or destroy virus. Players can spend money to buy coins that can purchase weapons or equipment to help them win. To make it more attracting, the game has to unlock new ways or equipment in every 5 levels, and players should be able to choose easy or difficult mode in each level.

**Question 1:** Please design a questionnaire (based on the potential users) and release it to at least 40 people to find out what elements do they like in the game. Analyze the results of the questionnaire. **彭承龙、江能宇**

**Question 2:** According to the statement above and the result of the questionnaire (selective), please give a general User Stories about the game. **李仁松**

**Question 3:** Suppose that your team have finished the first version of the game, design a demonstration for the release conference of the game. **刘光鑫**

**Scenario 6:** A Municipal Bureau of Taxation is ready to get a new Office Automation system. Their old one is too difficult to use with a badly designed UI and runs slowly. There are three development team from different company compete for the contract.

**Question 1:** Design a presentation to show that you are capable of develop the system and demonstrate in front of the leaderships of the Bureau. Exhibit your competitiveness. **李国强**

**Question 2:** Suppose you have signed the contract, and you are going to have an interview with the director of income tax department. Design a questionnaire to ask what kind of software they like to have after getting the business process through the old system. **沈长宏**

**Question 3:** Suppose you have signed the contract and gathered the requirement. During system design phase, if the designer has any doubt about requirements draw by analyzer, what should they do? **祝国强**

**Question 4:** Suppose you have signed the contract and the system has been coded. During testing phase, if the test personnel find out that the usability of the system is not much better than the old one, what should they do? **张欣**

**Scenario 7:** A catering company tries to open a free waiter/waitress restaurant. The restaurant wants to add a new tablet on the table and install software which can help the client do the order themselves on the tablet. The client should be able to view all the dishes on the menu and order the dishes and alcohol as they wanted. They also should be able to check if the dishes have been made so if they decide to change or retreat a dish. There are also dish dispatchers who can constantly change and check the state of ordered dishes. The cashier can check the payment of each table and the discount according to client’s VIP card. The manager should be able to check the turnover of every month.

**一家餐饮公司试图开一家免费的服务员餐厅。餐厅想在桌子上增加一个新的平板电脑，并安装软件来帮助顾客自己在平板电脑上点菜。客户应该能够查看菜单上的所有菜肴，并按照他们的要求点菜和点酒。他们还应该能够检查菜肴是否已经做好，如果他们决定换或退一道菜。也有洗碗调度员，他们可以不断地改变和检查点的菜的状态。收银员可以根据客户的贵宾卡核对每张桌子的付款和折扣。经理应该能够检查每个月的营业额。**

是基于物联网和[云计算技术](https://baike.sogou.com/lemma/ShowInnerLink.htm?lemmaId=5259&ss_c=ssc.citiao.link" \t "https://baike.sogou.com/_blank)为餐饮店量身打造的智能管理系统，通过客人自主[点餐系统](https://baike.sogou.com/lemma/ShowInnerLink.htm?lemmaId=7888682&ss_c=ssc.citiao.link" \t "https://baike.sogou.com/_blank)、服务呼叫系统、后厨互动系统、前台[收银系统](https://baike.sogou.com/lemma/ShowInnerLink.htm?lemmaId=7704072&ss_c=ssc.citiao.link" \t "https://baike.sogou.com/_blank)、预定排号系统以及[信息管理系统](https://baike.sogou.com/lemma/ShowInnerLink.htm?lemmaId=592087&ss_c=ssc.citiao.link" \t "https://baike.sogou.com/_blank)等可显著**节约用工数量、降低经营成本、提升管理绩效**。

**Question 1:** Design a presentation for restaurant’s manager and shareholder to show that you are capable of developing the system. **曾婷婷**

**Question 2:** According to the statement above, please give detailed User Stories to meet the customer’s requirements**. 戚培芳**

**Question 3:** Suppose that you have finished your milestone 1.0, design a presentation of the system to the manager and employee of the restaurant. **殷鹏飞**

**问题3:假设你已经完成了里程碑1.0，为餐厅的经理和员工设计一个系统演示。殷鹏飞**

**Question 4:** It is easy to train the faulty in restaurant how to use the software. But how to make sure that the restaurant’s clients also know how to use the software when they are already used to order meals by waiter/waitress? **钟亚兰**

**Scenario 8** A kindergarten want a portal site been checked by parents and potential customers. All children’s information should be managed by the class instructors. If there are any events or outdoor activities, the kindergarten should post it on the main page. Recipes of each meal should be revealed on the website so the parents can check and inform allergy information of their child. Parents should also be able to ask for a sick leave for their kids, check real-time surveillance, and ask question to their kid’s teachers. The teacher may also send photos to the parents.

**Question 1:** Arrange a meeting for the development team and kindergarten’s director and instructors to gain the contract. Please state your schedule for the meeting. **刘少轩**

**Question 2:** According to the statement above, please give detailed User Stories to meet the customer’s requirements. **曾翀**

**Question 3:** Suppose that you have finished your milestone 1.0, design a presentation of the system to the teachers and instructors. **邵承斌**

**Question 4:** It is easy to train the faulty in kindergarten how to use the system. But how to make sure that the parents also know how to use the software report for sick leave or allergy food? How to make sure that parents get in touch with the teacher and provide information? **邹清淼**