**Comp5541 team project, usage scenario (preliminary version by Aiken, 2017 Jan 21)**

Francisco is an astronomy enthusiast and a restaurant owner. His restaurant (Called Friend of Stars) is located at west island of Montreal nearby Morgan Arboretum. Most of his customers and employees are astronomy lovers too. His restaurant can provide foods, drinks, and locations for those who want to spend their time observing sky during the night. In the July of this year, there will be many astronomy events can be observed in Montreal, including Perseid meteor shower and International Space Station (ISS). In order to provide the best experience on both dinning and astronomy observing for his customers and employees, Francisco decides to consult a software company for the best solution.

Friend of Stars is a 2 chiefs, 3 waiters, and 1 dish washer restaurant with 18 serving tables (size of 6 people). Waiters take orders from costumers and delivery the orders to chiefs who prepare foods and then waiters will also need to process the payment, serve foods and drinks to the tables, clean the tables and bring used dishes to dishwasher. Almost all the employees and costumers like to observe the sky, so Francisco wants to adapt software which can simplify the serving procedures and also provide the opportunity of observing the sky for everyone in his restaurant. On the other hand, Francisco also wants to promote astronomy events (and of course his restaurant) to new costumers who might want to experience astronomy observing. He would like to have some recommendation function of astronomy events and/or the foods of his restaurant.

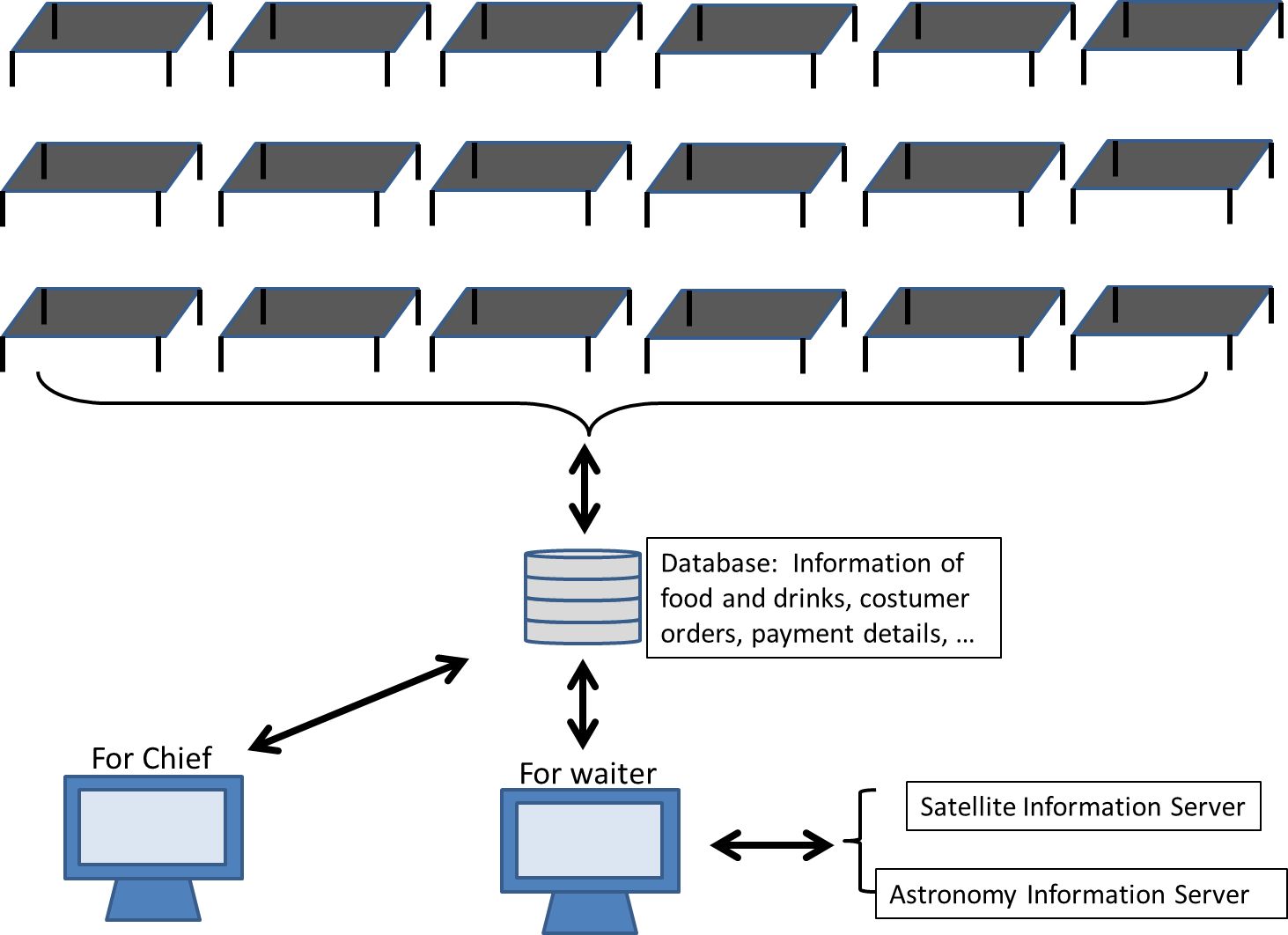
**Friend of Stars restaurant now serves:**

Foods: Hamburger, Hotdog, Fried chicken, roasted chicken, dumpling, salads, potato soup, tomato soup

Drinks: Soda, beer, home-made cider

Desert: Ice cream, apple pie

**Friend of Stars restaurant:**



Functions of the user-end interface:

1. Food and drink display (menu)
2. Food and drink recommendations
3. Food and drink order
4. Cancel ordering
5. Total payment
6. Order verification
7. Satellite information display
8. Astronomy event display
9. Feedback

Functions of the waiter-end interface:

1. Table ordering information display
2. Table ordering confirmation
3. Serving information of each ordering
4. Payment check

Functions of the chief-end interface:

1. Ordered food display
2. Prepared food marker
3. Food sold out marker