**1.1 Noun Extraction**

The system will allow a (1) customer to add, edit, or delete a personal account, select and modify a payment plan, log in and out of the system, search for meals, view their most popular meal(s), order a meal and pay included fee (if applicable) (2) administrators to create, modify, and delete a personal account, login into their personal account, either add a meal from their own choosing or accept a requested meal from a customer, either delete or edit an existing meal, view the item stock and view statistics about the site, restock items, create or edit payment plans. All users have login information and personal information.

**Entity Classes:** User, Customer, payment plans, popular meal, meal, administrator, statistics, item stock, requested meal queue

**Note: class members were not included in the original draft, and therefore the default templates for each class were used**.

**2.1 Entity Classes:** User, Customer, payment plans, popular meal, meal, administrator, statistics, item stock, requested meal queue

**2.2 CRC Cards**

|  |  |
| --- | --- |
| User |  |
| Personal Information |  |
| Login Information |  |
| Login |  |
| Logout |  |
| Search Meals | Meal |
| Update Information |  |

|  |  |
| --- | --- |
| Customer |  |
| Available Meals  Purchase Meal | Meal |
| Current Payment Plan  Select Payment plan | Payment Plan |
| Request Meal | Requested Meal Queue |
| Create Account |  |

|  |  |
| --- | --- |
| Administrator |  |
| View Statistics | Statistics |
| View Stock  Add Stock  Add New Item(s)  Remove Stock | Item Stock |
| Add Meal  Delete Meal | Meal |
| Approve requested meal  Decline requested meal | Requested Meal Queue |

|  |  |
| --- | --- |
| Meal |  |
| List of items | Item Stock |
| Meal Information (description, price, instructions, image(s)) |  |
| Update number of total orders | Statistics |
| Update quantity of orders for Customer | Popular Meal |

|  |  |
| --- | --- |
| Item Stock (Database) |  |
| Title and Quantity of each item |  |
| Subtracts from stock database |  |
| Adds stock to database |  |

|  |  |
| --- | --- |
| Statistics |  |
| How many times an individual meal is purchased  Calculates total meals sold | Meal |

|  |  |
| --- | --- |
| Requested Meal Queue |  |
| Which customer requested the meal | Customer |
| Requested meals | Meal |