# Database Table Relationships - Smart Canteen

## LogEntry

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| action\_time | DateTimeField | - |
| user | ForeignKey | CustomUser |
| content\_type | ForeignKey | ContentType |
| object\_id | TextField | - |
| object\_repr | CharField | - |
| action\_flag | PositiveSmallIntegerField | - |
| change\_message | TextField | - |

## Permission

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| name | CharField | - |
| content\_type | ForeignKey | ContentType |
| codename | CharField | - |

## Group

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| name | CharField | - |
| permissions | ManyToManyField | Permission |

## ContentType

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| app\_label | CharField | - |
| model | CharField | - |

## Session

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| session\_key | CharField | - |
| session\_data | TextField | - |
| expire\_date | DateTimeField | - |

## Product

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| name | CharField | - |
| description | TextField | - |
| price | DecimalField | - |
| stock | PositiveIntegerField | - |
| image | FileField | - |
| created\_at | DateTimeField | - |
| calories | PositiveIntegerField | - |

## MealSubscriptionPlan

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| name | CharField | - |
| price | DecimalField | - |
| duration\_days | IntegerField | - |
| meals\_per\_day | IntegerField | - |
| description | TextField | - |

## UserSubscription

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| user | ForeignKey | CustomUser |
| plan | ForeignKey | MealSubscriptionPlan |
| start\_date | DateField | - |
| end\_date | DateField | - |
| payment\_status | CharField | - |
| razorpay\_order\_id | CharField | - |
| razorpay\_payment\_id | CharField | - |
| razorpay\_signature | CharField | - |
| remaining\_meals | IntegerField | - |
| active | BooleanField | - |

## SubscriptionMeal

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| product | ForeignKey | Product |
| date\_available | DateField | - |
| is\_available | BooleanField | - |

## ClaimedMeal

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| user\_subscription | ForeignKey | UserSubscription |
| meal | ForeignKey | SubscriptionMeal |
| claimed\_on | DateTimeField | - |

## WebPushSubscription

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| user | ForeignKey | CustomUser |
| endpoint | TextField | - |
| p256dh | CharField | - |
| auth | CharField | - |
| created\_at | DateTimeField | - |

## Banner

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| title | CharField | - |
| image | FileField | - |
| link | CharField | - |
| is\_active | BooleanField | - |
| created\_at | DateTimeField | - |

## CustomUser

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| password | CharField | - |
| last\_login | DateTimeField | - |
| is\_superuser | BooleanField | - |
| username | CharField | - |
| first\_name | CharField | - |
| last\_name | CharField | - |
| email | CharField | - |
| is\_staff | BooleanField | - |
| is\_active | BooleanField | - |
| date\_joined | DateTimeField | - |
| role | CharField | - |
| groups | ManyToManyField | Group |
| user\_permissions | ManyToManyField | Permission |

## Coupon

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| code | CharField | - |
| discount\_percentage | PositiveIntegerField | - |
| valid\_from | DateTimeField | - |
| valid\_to | DateTimeField | - |
| valid\_for | CharField | - |
| active | BooleanField | - |
| products | ManyToManyField | Product |

## CartItem

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| user | ForeignKey | CustomUser |
| order | ForeignKey | Order |
| product\_id | ForeignKey | Product |
| name | CharField | - |
| price | FloatField | - |
| quantity | IntegerField | - |
| image\_url | CharField | - |
| coupon | ForeignKey | Coupon |
| subtotal | DecimalField | - |
| discounted\_price | DecimalField | - |

## Order

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| user | ForeignKey | CustomUser |
| order\_total | DecimalField | - |
| razorpay\_order\_id | CharField | - |
| razorpay\_payment\_id | CharField | - |
| status | CharField | - |
| created\_at | DateTimeField | - |
| token\_number | CharField | - |

## Feedback

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | BigAutoField | - |
| order | OneToOneField | Order |
| user | ForeignKey | CustomUser |
| rating | PositiveSmallIntegerField | - |
| comment | TextField | - |
| created\_at | DateTimeField | - |

## Group

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| name | CharField | - |

## SubscriptionInfo

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| browser | CharField | - |
| user\_agent | CharField | - |
| endpoint | CharField | - |
| auth | CharField | - |
| p256dh | CharField | - |

## PushInformation

|  |  |  |
| --- | --- | --- |
| Field Name | Field Type | Related Model (if any) |
| id | AutoField | - |
| user | ForeignKey | CustomUser |
| subscription | ForeignKey | SubscriptionInfo |
| group | ForeignKey | Group |