NutriWISE

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Data Dictionary

*\*Student Table*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| **id (PK)** | integer | 11 | Unique ID for all students | 01111111111 |
| **fullName** | varchar | 100 | Full name of the students | Jephthah Jehosaphat Landicho |
| **email** | varchar | 100 | E-mail address of the students | jephlandicho@yahoo.com |
| **username** | varchar | 100 | The students’ username inside the system. | JJLandicho |
| **password** | varchar | 100 | The students’ password to access the system. | \*\*\*\*\*\*\*\* |

*\*User Table*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| **id (PK)** | integer | 11 | Unique ID for all users | 02222222222 |
| **username** | varchar | 100 | A user’s userame within the system. | ClarencePhol |
| **password** | varchar | 250 | A user’s password used to access the system. | \*\*\*\*\*\*\*\*\*\* |

*\*Professor Table*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| **id (PK)** | integer | 11 | Unique ID for all professors | 03333333333 |
| **fullName** | varchar | 100 | Full name of the professors | Kier Karlo Dela Luna |
| **email** | varchar | 100 | E-mail address of the professors | [kikodelaluna@gmail.com](mailto:kikodelaluna@gmail.com) |
| **username** | varchar | 100 | The professors’ username inside the system. | OkiksDL |
| **password** | varchar | 100 | The professors’ password to access the system. | \*\*\*\*\*\*\*\*\* |

*\*Meal\_Plan Table*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| **id (PK)** | integer | 11 | Unique ID of the food. | 04444444444 |
| **food\_name** | varchar | 100 | Name of the assigned food. | Wheat Bread |
| **food\_group** | varchar | 100 | Food group of the food assigned. | Rice C |
| **food\_calories** | float |  | Total calories of the food asigned. | 80.0 |
| **food\_weight** | float |  | Weight of the food assigned. | 40.0 (grams) |

*\*Client Table*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| **id (PK)** | integer | 11 | Unique ID for every client. | 05555555555 |
| **fullName** | varchar | 100 | Full name of the client. | Cleo Angelo Dimailig |
| **sex** | varchar | 10 | Sex of the client | Male |
| **birthDate** | date |  | Date of birth of the client. | October 7, 2001 |

\**Client Measurements*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Field Name | Data Type | Field Size | Description | Example |
| **id (PK)** | integer | 11 | Unique ID for the client’s anthropometric measurements. | 06666666666 |
| **client\_id (FK)** | integer | 11 | ID of the client form the client table. | 05555555555 (from *client table*) |
| **waistCircum** | float |  | Waist circumference of the client | 34 (cm) |
| **hipCircum** | float |  | Hip circumference of the client | 36 (cm) |
| **weight** | float |  | Weight of the client | 90 (kg) |
| **height** | float |  | Heigh of the client | 1.65 (m) |
| **physicalActLevel** | varchar | 50 | Physical Activity Level of the client (Sedentary, Light, Moderate, Very Active). | Moderate |
| **WHR** | float |  | Waist-Hip Ratio of the client | 0.94 (cm |
| **BMI** | float |  | Body Mass Index of the client | 33.1 (kg/m2) |
| **remarks** | varchar | 50 | Remarks of the client (Underweight, Normal, Overweight, Obese 1, Obese 2) | Obese 1 |
| **DBW** | float |  | Desriable Body Weight of the client | 58.50 (kg) |
| **TER** | float |  | Total Energy Requirement of the client | 2350 (kcal) |
| **protein** | float |  | Computed protein of the client | 380 (g) |
| **carbs** | float |  | Computed carbohydrates of the client | 90 (g) |
| **fats** | float |  | Computed fats of the client | 50 (g) |