**NutriWISE**

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PROJECT REQUIREMENT SPECIFICATIONS

60% Expected/ Working Requirements

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| **User Group** | **Requirement(s)** | **Requirement Description** |
| Student/Mobile App |  |  |
| 1. BSND Student | Logging in of the student and connecting it directly to the online database. | Login and connected it thru online database, also saved it in the phone for every time the user opens the app, it will automatically logged in. |
|  | Anthropometric Measurements Calculator | Anthropometric measurements calculator, this will produce the carbohydrates, protein, fats, and energy that is needed by the client since that is based on his anthropometric measurements. |
|  | Exchange Distribution | After getting the measurements, we need to assign exchanges in different food groups, in the app it is automatically computed. The first 4 food groups are entered by the students, but it has limits. Then it will automatically be computed. |
|  | Mealtime Exchange Distribution | After the distribution of the exchanges per food groups it needs to be distributed per mealtime. |
|  | Data Summary/Distribution Summary, and saving data in SQLite | After that it will have a screen that will summarize the data that is generated and when the user clicks the save data. It will be saved in a local database, SQLite. |
|  | Meal Plan naming | It will automatically generate a meal plan name and you can add different meal plan name. |
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| Professor/Web App |  |  |
| 1. Professor | Login and Registration of Professor’s accounts | A professor must first register in order to access the system repeatedly thru logging in with their credentials. |
|  | Adding a class | Professors adding a class in the courseware. |
|  | View Client’s meal plan | Professors can view the meal plan of the clients created by the students. |
|  | Post announcements in the class | Professors can post announcements and materials and can be viewed in the stream (name of material, link, attached file). |
|  | Edit profile information | Professors can change their username, email, and passwords in the profile tab. |
|  | Saving of Client information in the online database | The client information will be passed into the online database. |
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PROJECT REQUIREMENT SPECIFICATIONS

40% Remaining Requirements

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| **User Group** | **Requirement(s)** | **Requirement Description** |
| Student/Mobile App |  |  |
| 1. BSND Student | Meal Plan data saving in PDF format | Allow students to save their generated meal plan as PDF. |
|  | Class connection between the students and the professor | Allow student to connect to the created class/classes by the professor. |
|  | Class Dashboard for the students | Dashboard for students since the data for this will come from the classes. |
|  | Meal Plan creation being saved to both online and local databases | In that meal plan name, the students will create the meal plan for the client, which will also be saved in the local database. |
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| Professor/Web App |  |  |
| 1. Professor | Class connection between the professor and the students | Allow the professors to connect with their students with their created class. |
|  | Class Dashboard for the professors | Dashboard for professors since the data for this will come from the classes and their activities. |
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