Requirements Elicitation Document

# System definition

The project will consist of a web application to track food consumption and activities.

* A prospective user should be able to register and create an account. The account should be created by asking the following questions:
  + Name
  + Surname
  + Mail address
  + Gender
  + Birthdate (from a date picker)
  + Height (in cm / in in)
  + Weight (in kg / in lbs)
* The system will have an authentication / authorization system to login to the dashboard
* Once a user logs in to the system, he/she should be able to
  + update his/her status for every meal. On each update user should update:
    - Food type consumed (from a list, list DB: <http://www.nutristrategy.com/activitylist4.htm>) *(mendatory field)*
    - Food quantity consumed *(mendatory field)*
    - Weight *(mendatory field)*
    - Notes *(optional field)*
  + update his/her status for every activity. On each update user should update:
    - Activity type performed (from a list, list DB: <http://www.nutristrategy.com/activitylist4.htm>) *(mendatory field)*
    - Activity time / unit *(mendatory field)*
    - Weight *(mendatory field)*
    - Notes *(optional field)*
* After each user input, the system will calculate the user’s current Body Mass Index such as:
* Each meal should be logged as a list, with a timestamp as a header and logged per day. (@ Access through header, #Title: My Foods)
* Each unit of activity should be logged as a list, with a timestamp as a header and logged per day. (@ Access through header, #Title: My Exercises)
* The system should have a reporting tool to show nutritional trends from date A (from date picker) to date B (from date picker) (@ Access through header, #Title: My State)
  + One line on the graph (y-axis) should show calorie intake
  + One line on the graph (y-axis) should show calorie expanse
  + X-axis should show time, with a daily precision