PROJECT DESIGN PHASE-II
DATA FLOW DIAGRAM

AI-Powered Nutrition Analyzer for Fitness and Enthusiasts

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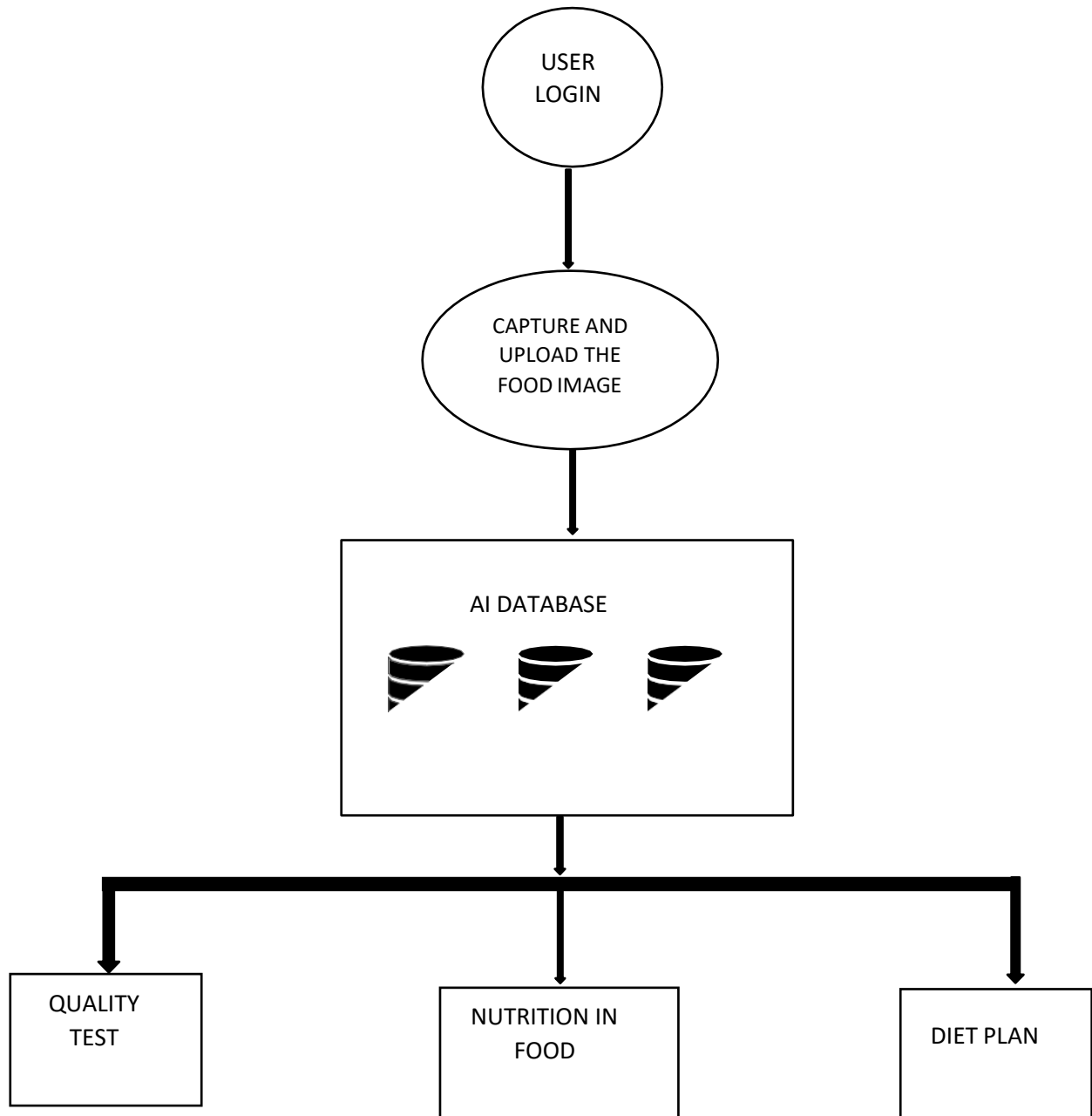**Team member 1 :** SARAVANAN

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SIMPLIFIED DATA FLOW:

->The application starts from the user login the user must enter their mail id
and the password to use the nutritional analyzer.

->The next step is user should capture the food and upload the food in the
specified capture image icon.

->The third step is click the "Analyze Food" and wait for sometimes the AI
database process the image.

->The tool figuring out image and page automatically give the information
about Food such that the quality of the food, nutrition then issue the diet
and fitness plan for the User.

DFD LEVEL 0:

User login

Capture the image

User account

Maintenance

Fitness reports

AI POWERED
NUTRITION
ANALYZER FOR
FITNESS
ENTHUSIASTS

Upload image
operator

Vitamins and nutrients

in the food

Quality test operator

Process the data

Using AI database