PROJECT DESIGN PHASE-II

DATA FLOW DIAGRAM

AI-Powered Nutrition Analyzer for Fitness and Enthusiasts

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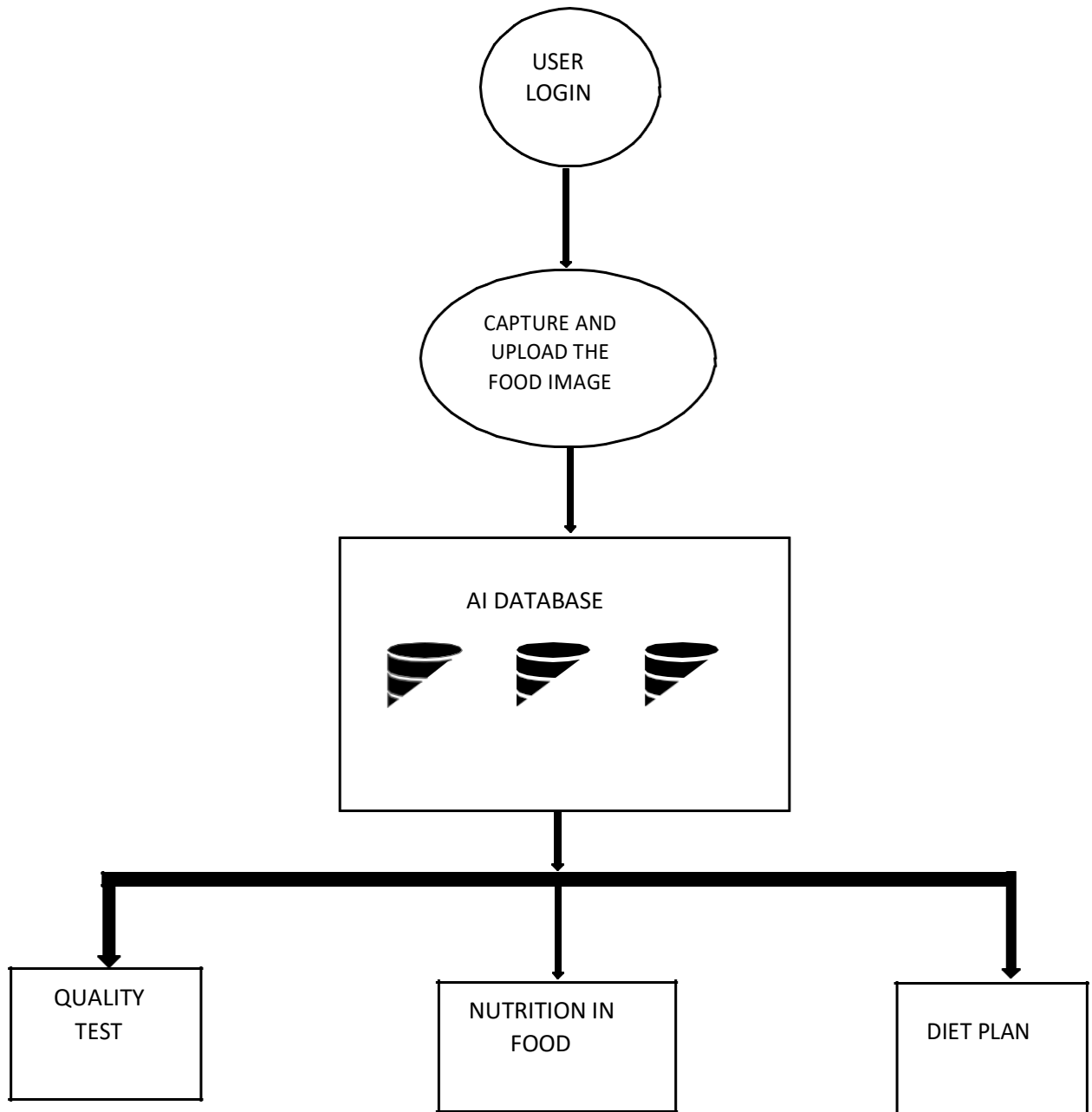
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SIMPLIFIED DATA FLOW:

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

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

*The third step is to click the "Analyze Food" and wait for sometimee the AI database processes 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.

USER
LOGIN

CAPTURE AND
UPLOAD THE
FOOD IMAGE

AI DATABASE

QUALITY
TEST

NUTRITION IN
FOOD

DIET PLAN

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