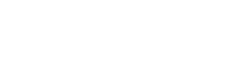
ProjectDesignPhase-II

DataFlowDiagram



segment

Segmentation

1

.

0

Captureimage

classify

Classification

Camera

Inputimage

Imagedata

Dataacquisition

preprocessing

Image

Mapping

Detection

Extraction

FutureExtraction

Resultofthe

image

Extraction

2

.

0

Training

(

ByExtraction

)

Database

|  |  |
| --- | --- |
| Date | 15October2022 |
| TeamID | PNT2022TMID48053 |
| ProjectName | Project–NutritionAnalyzerforfitness Enthusiastic |
| MaximumMarks | 4Marks |

Captureimage

d

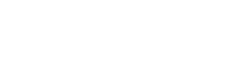
Detectionprocess

Inputimage

dd

dddtde

ImageMapping



Camera

0

.

0

Image

preprocessing

Resultofthe

image

Level0DFD(ContextlevelDFD)

Model(BasedonExtraction) Detectionprocess

Level1DFD

Captureimage

Segmentation

Inputimage

Imagerestoring

Classify

Classification

Data

n

Dataacquisitio

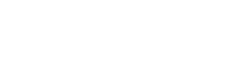
ImageMapping

Recognized

Training

Image

Detectionprocess



Camera

1

.

1

Image

Transformation

1

.

2

Future

Subselection

1

.

3

Prediction

Resultofthe

image

Level2DFD