

MEETING MINUTES

Date	19 November 2022
Team ID	PNT2022TMID35928
Project Name	Project - AI-powered Nutrition Analyzer for Fitness Enthusiasts
Maximum Marks	—

MEETING 1:LITERATURE SURVEY

- All the team members joined the zoom platform and discussed about project outline
- After a brief discussion about the project outline, about current trend & technologies and Later the team listed five papers published based on their project, later decided on selecting 3 papers.
- drawbacks addressed of those papers were discussed
- The literature survey document was created in span of 1 hour and uploaded to GitHub.

MEETING 2:EMPATHY CANVAS MAP AND PROJECT DESIGN

- The team members joined in the gmeet call, due to the limitations of zoom call, then the empathy canvas map template was taken in mural website.
- Before getting into work, team member gets instruction from the video, which shows the creation of an empathy canvas map and the project design.
- After the empathy map, the team carried out brainstorming, where each member explained their idea and similar ideas were grouped together thereafter plotted on the graph based on feasibility and importance.
- After the completion of the canvas maps, the documents are uploaded to Github.

MEETING 3:PROPOSED SOLUTION AND SOLUTION FIT

- The team joined gmeet and the proposed solution and solution fit was done with the help of instruction video.
- This video is about building a proposed solution and solution fit with answering some questions

MEETING 4:DATA FLOW DIAGRAMS

- The team joined gmeet.
- This video shows the building of data flow diagrams. We have implemented the project's proposal in the form of a graphical or visual model using a standardized set of symbols and notations. This was done on the
- CANVA platform and the document was uploaded to GitHub.
- After the data flow diagram, the user stories were developed and drafted for various scenarios.

MEETING 5:SPRINT 1

- The webpage design was created and implemented using HTML.
- Basic libraries were studied.
- Selection of dataset from fruits 360 kaggle for the project
- In the dataset, some of the unnecessary folder was reduced

MEETING 6:SPRINT 2

- Discussion of creating various local csv involved in the project which includes price list and nutrition of particular fruits and its source.

- Discussion on selecting web scrapping function or finding valid api's to extract price updates, finally settled in web scrap. Because of non availability of api for local fruit price
- Discussion and finalizing model summary of CNN model

MEETING 7:SPRINT 3

- Implementation of CNN using tensorflow was done
- Solved some errors which was unresolved in sprint 2

MEETING 8:SPRINT 4

- The team members joined in the meeting and proceeded to use the Watson studio platform from the IBM cloud to create a new project and The model took around 2 hours of computation time.
- Discussion of flask integration for the website
- Discussion in rechecking necessary files

