

Assignment - 1

* Define a Problem statement and give a brief executive summary snapshot.

- 1] Executive summary snapshot :
- 2] Project Description.
- 3] Project Scope.

* Problem statement :-

The goal of this Project is to develop a digital assistant that empowers or Teach individuals to how to live more sustainable by providing personalized advice, resources, and Tools.

1] Executive summary snapshot :-

The Sustainable Living Assistant is designed to empower individuals to adopt eco-friendly Practices in their day today life. This AI based tool Provide personal guidance on reducing carbon foot print and promoting sustainable habits. Such as reduce ~~the~~ use of Plastic bag's, botall. to reduce Plastic waste. and protacting environment. it will provide real time data and user preferances to suggest energy - efficient alternatives, Sustainable product and waste - reduction strategies by integrating with smart home systems. the assistant helps users to make informed decision that align with sustainability goals. it also provide ~~users~~ educational

content such as offers access to a wealth of resources, articles, videos and tips on sustainable living practices, enhancing user knowledge and awareness, and it also provide a feedback and improvement status to user to take ~~above~~ next step and make improvement in what ever mistakes done by users in previous. ~~at~~ it also suggest long term goals for sustainable life.

2] Project Description :-

The Sustainable Living assistant is a comprehensive tool designed to help individuals make environmentally conscious decision and adopt sustainable practices in their daily lives. This assistant will provide personal recommendations, tips and resources that will guide users towards reducing their environmental foot print.

• Key Features :-

i) Personal Recommendations :- The AI assistant analyzes users lifestyle choices and offers advice on how they reduce waste, conserve energy and adopt more sustainable habits.

ii) Resource Library :- it create a collection

of articles, videos and guides on topic such as renewable energy, zero-waste living, and use of eco-friendly products.

iii) Carbon footprint calculator :-

it provide a feature of carbon footprint calculator which calculate on user daily activities and provide suggestions.

iv) Progress Tracking :-

The assistant tracks users' daily lifestyle, efforts and improvement and provide progress report ~~with~~ weekly or monthly, and give additional suggestions for continuous growth.

3) Project scope :-

Generally the app or digital assistant to manage users daily task and help to achieve their daily or monthly goals. This project will also help to user to improve their daily habits and learn new habits.

Important Task :-

- i) Design app interface
- ii) Develop app functionalities like tracking their daily lifestyle, suggestion, video solⁿ provider.
- iii) conduct app testing and quality assurance.

- Cost :-

The cost of developing the app such will include designing, development, testing, analysis, maintenance, documentation, it will cost near about 2 Lakh to 2.5 lakh.

Deadline :-

As it is a app which stores customers data, it would take 4 to 5 months for app development.