DIY PROJECT PLANNER

WITH AI

A DESIGN PROJECT REPORT

Submitted by

RAGHUL P

RIYAZ AHMED H

SACHIN B

RASEEN RAJA R

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

K. RAMAKRISHNAN COLLEGE OF TECHNOLOGY

(An Autonomous Institution, affiliated to Anna University Chennai and Approved by AICTE, New Delhi)

SAMAYAPURAM – 621 112

DECEMBER, 2024

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BONAFIDE CERTIFICATE

Certified that this project report titled **"DIY PROJECT PLANNER WITH AI"** is bonafide work of **RAGHUL.P (811722104116), RIYAZ AHMED.H (811722104124), SACHIN.B (811722104126) and RASEEN RAJA.R (811722104305)** who carried out the project under my supervision. Certified further, that to the best of my knowledge the work reported here in does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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INTERNAL EXAMINER **EXTERNAL EXAMINER**

DECLARATION

We jointly declare that the project report on **"DIY PROJECT PLANNER WITH AI"** is the result of original work done by us and best of our knowledge, similar work has not been submitted to **"ANNA UNIVERSITY CHENNAI"** for the requirement of Degree of Bachelor Of Engineering. This project report is submitted on the partial fulfilment of the requirement of the award of Degree of Bachelor Of Engineering.

Signature

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Place: Samayapuram

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It is with great pride that we express our gratitude and indebtness to our institution **"K RAMAKRISHNAN COLLEGE OF TECHNOLOGY"**, for providing us with the opportunity to do this project.

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ABSTRACT

DIY Project Planner with AI revolutionizes the way people and teams manage projects by incorporating state-of-the-art artificial intelligence in planning. This system simplifies managing a project, indicating tasks, estimating resource use, and tracking progress in real-time. Using AI, people are able to break down huge projects into actionable steps; they can prioritize tasks with respect to deadlines and interdependencies and allocate resources. The planner is made to be flexible according to its users' needs and provides optimized schedules that align with personal workflows. By analyzing patterns and potential bottlenecks, the system is able to make actionable recommendations for increasing project efficiency as well as completing them within specified timelines. With this capability for adaptive learning, the planner continues to improve predictions and suggestions that are most personal to a user and evolving in their needs. The platform supports the widest possible range of use cases, from personal time management and academic planning to team-based collaboration and professional project tracking. The user-friendly interface, combined with intelligent features, lowers the cognitive load associated with planning and enables users to focus on execution rather than organization. The DIY Project Planner with AI combines real-time tracking and customizable tools with AI-driven insights, providing a seamless, efficient, and effective solution in a fast-paced world to achieve goals.

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LIST OF ABBREVIATIONS

S.NO.	ABBREVIATIONS	EXPANSION
1	SQL	Structured Query Language
2	GUI	Graphical User Interface
3	ML	Machine Learning
4	DB	Database
5	API	Application Programming Interface
6	UI	User Interface