Requirements Document

# Introduction

This document outlines the requirements extracted using Recap AI, an AI-powered system for automated requirement gathering.

# Functional Requirements

No functional requirements identified.

# Non-Functional Requirements

* hardworking react
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* ABOUT ME
* I am a passionate Computer Science and Business Systems student with a strong interest in web
* development, AI, and database management. I enjoy solving real -world problems through technology and
* The system shall support the technology: solving, adaptability, and collaboration, I am eager to learn and apply my skills in both technical and
* The system shall support the technology: managerial roles to drive innovation in technology and business.
* The system shall support the technology: SKILLS
* The system shall support the technology: • Programming
* The system shall support the technology: Languages
* The system shall support the technology: • Technical Skills
* The system shall support the technology: • Soft Skills
* The system shall support the technology: • Languages Java, C++, HTML, Node JS,
* The system shall support the technology: CSS, C, React, MySQL
* The system shall support the technology: Git, Adobe, GitHub, Microsoft Office ,
* The system shall support the technology: VS Code, Cursor, Vercel , Frame r, Figma
* The system shall support the technology: Communication, Adaptation, Problem
* The system shall support the technology: Solving, Marketing, Market Researc h
* The system shall support the technology: English, Hindi, Chinese Proficiency: Intermediate
* The system shall leverage knowledge from: EDUCATION
* The system shall leverage knowledge from: SRM Institute of Science and Technology: Computer Science and Business System
* The system shall leverage knowledge from: Chennai, Tamil Nadu
* The system shall leverage knowledge from: • Cumulative GPA: 9.45
* The system shall leverage knowledge from: Mayo International School: 12th
* The system shall leverage knowledge from: Patparganj, Delhi
* The system shall leverage knowledge from: • Percentage: 87%
* The system shall leverage knowledge from: St. Paul’s School: 10th
* The system shall leverage knowledge from: Begusarai, Bihar
* The system shall leverage knowledge from: • Percentage: 80%
* The system shall leverage knowledge from: Projects
* The system shall leverage knowledge from: Carbon Footprint Emission Calculator
* The system shall leverage knowledge from: A database -driven web application to estimate and analyse individual carbon footprints based on daily
* The system shall leverage knowledge from: activities .
* The system shall leverage knowledge from: • Technologies Used: HTML, CSS, JavaScript, MySQL, Python (Flask)
* The system shall leverage knowledge from: • Features: User -friendly UI, real -time carbon footprint calculations, data visualization with charts
* The system shall leverage knowledge from: • Impact: Helps users make informed decisions to reduce their environmental impact
* The system shall leverage knowledge from: CPU Scheduling Visualizer
* The system shall leverage knowledge from: A web -based tool to demonstrate CPU scheduling algorithms like Shortest Job First (SJF) and Round Robin
* The system shall leverage knowledge from: using interactive Gantt charts.
* The system shall leverage knowledge from: • Technologies Used: HTML, CSS, JavaScript
* The system shall leverage knowledge from: • Features: Dynamic process input, timeline visualization, and execution order tracking
* The system shall leverage knowledge from: • Impact: Helps students and developers understand CPU scheduling through visual representation
* The system shall leverage knowledge from: Tax Filing & Management System (In Progress)
* The system shall leverage knowledge from: A web platform designed to simplify tax payments, provide financial assistance, and offer professional tax
* The system shall leverage knowledge from: guidance for users in India.
* The system shall leverage knowledge from: • Technologies Used: HTML, CSS, JavaScript, MySQL, Python (Flask)
* The system shall leverage knowledge from: • Features: Secure user authentication, tax calculation, document upload, professional consultation integration
* The system shall leverage knowledge from: • Impact: Aims to streamline tax filing and make financial management accessible to individuals and businesses
* The system shall support management tasks like: • Coordinated logistics, managed event flow, and facilitated smooth communication between
* The system may consider user interest: INTERESTS AND HOBBIES
* The system may consider user interest: • Competitive Coding & Problem -Solving – If you practice algorithms or participate in coding contests.
* The system may consider user interest: • Blogging about Tech & Design – Writing about frontend trends, UI/UX, or data insights.
* The system may consider user interest: • Learning Languages – Mandarin
* The system may consider user interest: • Watching Movies , Gardening

# Priority (MoSCoW Method)

Could: 3

Should: 5