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

* Abhinav Raj
* Chennai, Tamil Nadu | abhinavraj00001@gmail.com | 8002634000 | https://www.linkedin.com/in/abhinav-raj-a1979421b/
* ABOUT ME
* The system shall support the technology: SKILLS
* The system shall support the technology: Programming: Java, C++, HTML, JavaScript, CSS, C, React, MySQL
* The system shall support the technology: Technical: Git, GitHub, Adobe, VS Code, Vercel, Frame, Flutter, Figma, Microsoft Office
* The system shall support the technology: Soft Skills: Communication, Teamwork, Adaptability, Problem-Solving, Marketing
* The system shall support the technology: Languages: English (Professional), Hindi (Professional), Mandarin (Intermediate)
* The system shall leverage knowledge from: EDUCATION
* The system shall leverage knowledge from: SRM Institute of Science and Technology – Chennai, Tamil Nadu
* The system shall leverage knowledge from: B.Tech in Computer Science and Business Systems | GPA: 9.45
* The system shall leverage knowledge from: Mayo International School – Delhi
* The system shall leverage knowledge from: 12th Grade | Percentage: 87%
* The system shall leverage knowledge from: St. Paul’s School – Begusarai, Bihar
* The system shall leverage knowledge from: 10th Grade | Percentage: 80%
* The system shall leverage knowledge from: PROJECTS
* The system shall leverage knowledge from: Carbon Footprint Calculator (In Progress)
* The system shall leverage knowledge from: Web application for estimating individual carbon footprints based on daily activities.
* The system shall leverage knowledge from: Tech: HTML, CSS, JavaScript, MySQL, Python (Flask)
* The system shall leverage knowledge from: Impact: Provides real-time carbon footprint analysis with data visualization.
* The system shall leverage knowledge from: CPU Scheduling Visualizer
* The system shall leverage knowledge from: Web-based tool to demonstrate CPU scheduling algorithms (SJF, Round Robin).
* The system shall leverage knowledge from: Tech: HTML, CSS, JavaScript
* The system shall leverage knowledge from: Impact: Enhances learning with dynamic process input and interactive Gantt charts.
* The system shall support the technology: Developed cross-cultural communication and professional networking skills.
* The system may consider user interest: INTERESTS & HOBBIES
* The system may consider user interest: Competitive Coding | Blogging about Tech & Design | Learning Mandarin | Watching Movies | Gardening

# Priority (MoSCoW Method)

Could: 3

Should: 5