

BYTE-ME

TRANSCEND CONVERGE ITERATE

MEET THE TEAM

FROM

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PROBLEM STATEMENT :

- In academic and professional settings, proper document formatting is crucial for readability and adherence to standards. However, users often waste significant time manually adjusting styles, positioning elements, and ensuring consistency—leading to inefficiency and increased chances of errors, especially for those less familiar with formatting tools.

SOLUTION : DocuMorph AI

- An AI-powered tool that automatically formats documents to match institutional or organizational standards, saving time and eliminating human error

WHAT :

Our solution automates document formatting by using smart templates and AI-powered tools to ensure consistency, save time, and eliminate human errors. It simplifies the creation of professional, well-formatted documents aligned with institutional or organizational standards.

HOW :

Template Selection.
Content Upload or Input.
AI Formatting Engine
Real-Time Preview & Edits
Download & Export:

KEY FEATURE'S :

- Automated Formatting
- Logo & Element Positioning
- Smart Numbering
- Template Integration
- Error Reduction
- Time-Saving
- User-Friendly Interface

DESIGN & EXPERIENCE



PLATFORM

VS Code



NAVIGATION FLOW

Uploading the document,
generating required document



DESIGN TOOLS

CSS

Innovation & Uniqueness :

Title: What Makes Us Different?

- Unique Features:
 - Universal input support
 - AI-powered intelligent formatting engine
 - Live preview before generation
- Competitive Advantage:
 - Unlike Grammarly/Google Docs, we focus on document structure
 - Automated generation reduces 80% manual formatting effort

UI/UX Screens :

Title: Platform Experience

- Mockup Screens:
Homepage with Upload Feature
File Extraction Display
Format & Download Options
- Tools Used: Figma, Canva
- User Journey:
Upload any document
Preview extracted text
Generate & download formatted DOCX

Technical Architecture

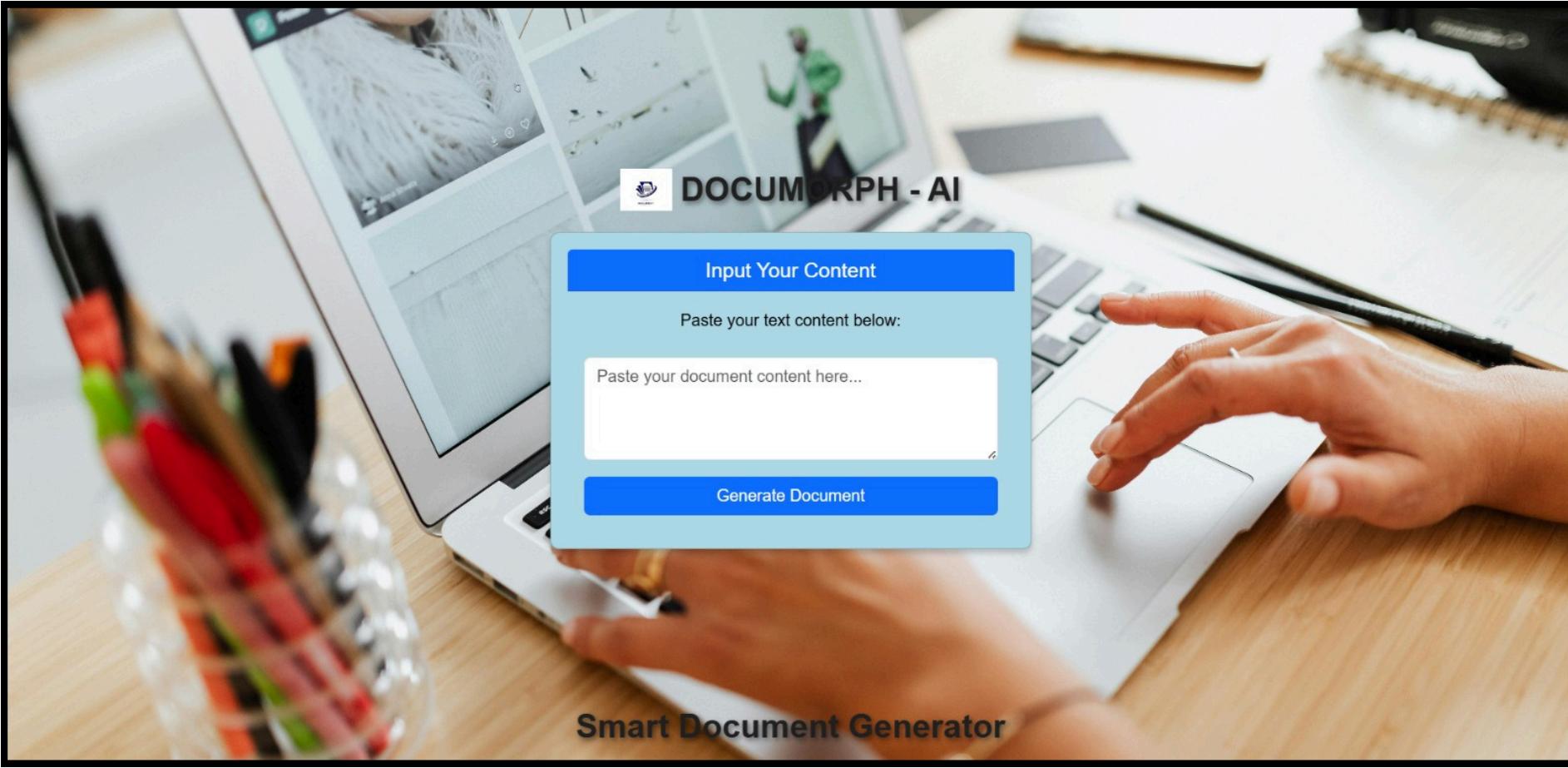
Title: System Design Overview

- Backend:
 - Flask
 - Python-docx, textract, PyPDF2
- Frontend:
 - HTML, CSS, JavaScript
- AI:
 - Google Gemini API
- File Handling:
 - PDF → PyPDF2
 - DOCX/DOC → python-docx / textract
 - Text Parsing → Custom parser

Prototype Demo :

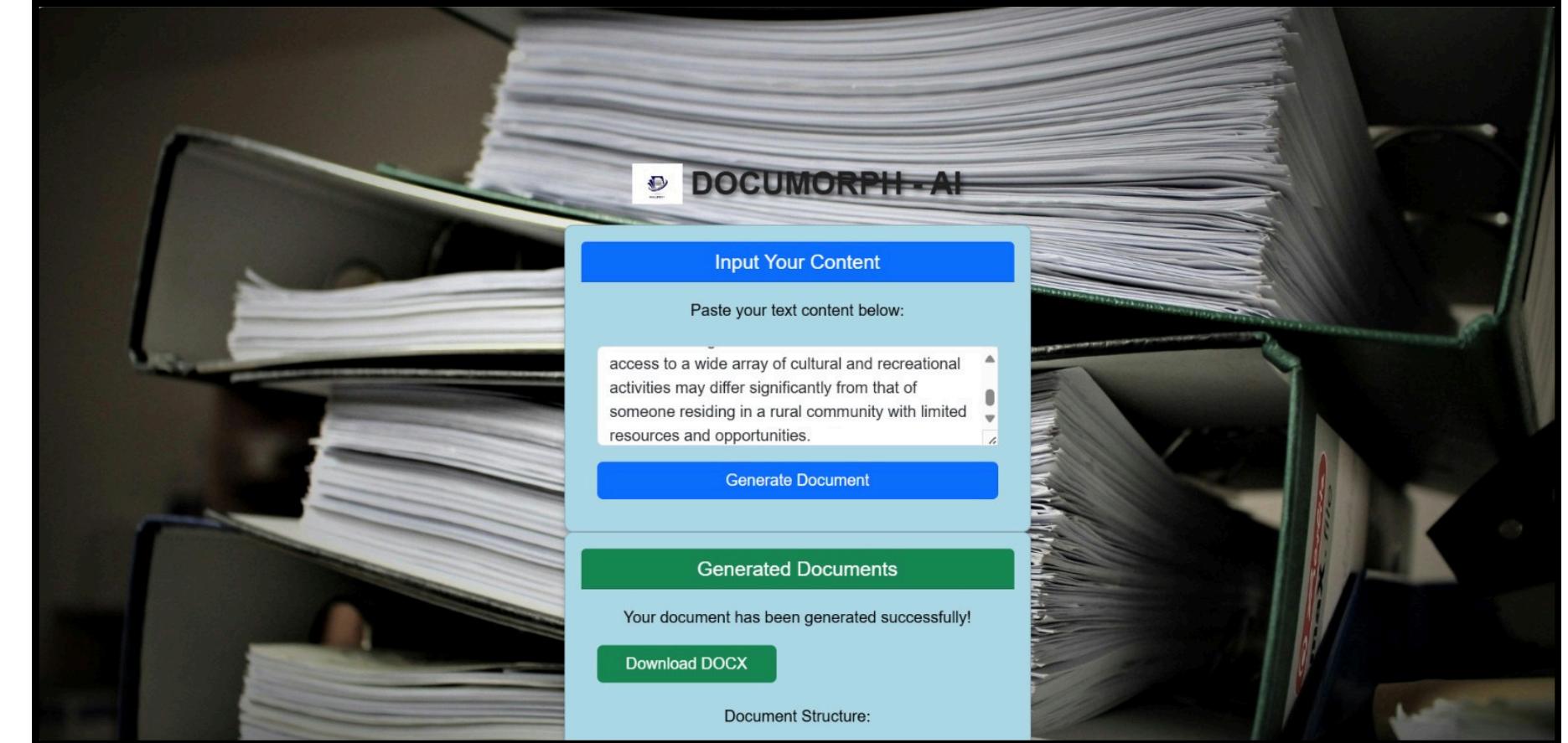
Title: Live Demonstration

- Screenshots of working prototype
- Live demo video link (YouTube or Google Drive)
- Key features:
 - Upload
 - AI analysis
 - Formatted output



USER INTERFACE

USER INPUT



Formatted_Document_5403a433 - Protected View • Saved to this PC

File Home Insert Draw Design Layout References Mailings Review View Help Tell me what you want to do

The Multifaceted Nature of Lifestyle: Choices, Influences, and Impact

Defining Lifestyle: A Tapestry of Choices and Influences

The concept of lifestyle, in its multifaceted glory, weaves through the very fabric of our daily existence, shaping not only our individual trajectories but also the collective pulse of society. It's a tapestry intricately woven with threads of personal choices, cultural influences, socioeconomic factors, and the ever-present hum of technological advancement. To delve into the nuances of lifestyle is to embark on a profound exploration of how we choose to live, the values that underpin those choices, and the myriad ways in which these patterns of behavior manifest in our health, our relationships, our work, and our leisure. It's a dynamic and evolving entity, constantly being molded by internal desires and external pressures, a reflection of our aspirations and a testament to our adaptability.

The Impact of Dietary and Exercise Choices

Consider, for instance, the profound impact of dietary choices on one's lifestyle. The rise of conscious eating, driven by a greater awareness of health and environmental concerns, has led to a proliferation of dietary philosophies, from veganism and vegetarianism to paleo and ketogenic diets. These aren't merely about sustenance; they represent a commitment to a particular set of beliefs about well-being, ethical consumption, and even social identity. The time spent sourcing ingredients, preparing meals, and even the social contexts in which food is shared all become integral aspects of this chosen lifestyle.

Similarly, exercise habits, or the lack thereof, profoundly influence physical and mental health, shaping energy levels, stress management capabilities, and overall quality of life. The decision to incorporate regular physical activity, whether it's a rigorous gym routine, a mindful yoga practice, or simply a daily walk in nature, carves out dedicated time and influences social interactions and personal priorities.

Work-Life Balance: A Crucial Pillar of Lifestyle

The realm of work-life balance, a perennial topic of discussion in modern society, forms another significant pillar of lifestyle. The demands of contemporary careers, often characterized by long hours and constant connectivity, can encroach upon personal time and relationships. The choices individuals make regarding their work habits, their ability to disconnect, and their prioritization of leisure activities are crucial in shaping their overall well-being. A lifestyle that prioritizes sustainable work practices and dedicated time for rest and rejuvenation stands in stark contrast to one dominated by relentless professional

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Focus

80%

FINAL RESULT

GitHub Repository :

Title: Project Repository

- GitHub: github.com/Hackvyuha_ByteMe
- Access: Private (shared with jury)

Contribution Map:

- Vaishnavi : Frontend, Web design
- Rohit : Flask backend, routes
- Vivek: Gemini AI integration
- Pallavi \ Bhagya: Research + documentation

Feasibility & Scalability :

Title: Build and Beyond

Project is already functional

Deployment Plan:

- Hosting on Render or Railway
- Scalable with cloud storage (AWS/GCP)

Next Steps:

- User accounts
- File history, PDF export

Impact & Value Proposition :

Title: Making a Difference

Who Benefits:

- Students
- Researchers
- Corporate employees

Value:

- Saves 5–10 hours per document
- Works with existing tools

Use Cases:

- Final reports
- Research submissions
- Resumes and SOPs

Challenges Faced :

Title: What We Overcame

- PDF formatting inconsistencies
- textract compatibility (on Windows)
- Google Generative AI quota limits
- Git merge conflicts during teamwork

Future Scope :

Title: What's Next?

Features:

- PDF output
- Smart headings + TOC
- Voice note to text + format
- Commercialization:
- SaaS model
- Student edition
- Open-source plugins

Learnings & Experience :

Title: What We Gained

Learned:

- Python-docx, Flask Blueprints, Google Gemini Textract & cross-platform handling

Teamwork:

- GitHub collaboration
- Real-time feedback

Thank You + Q&A

Thank you message to jury & organizers

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- Email: byteme.team@email.com
- GitHub: github.com/Hackvyuha_BytMe
- LinkedIn: linkedin.com/in/byteme
- Q&A: “We’re open to any questions you may have.”