

BACK SOME MONTHS

Statement ID – 06

Statement Title – Frictionless productivity solution

(Registered on google forms): FocusForge

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IDEA TITLE

- Frictionless Productivity OS for Students

Solution:

ed mini operating system that merges task planning, note-taking and distraction-reducing features into one seamless interface. Reduces friction from student workflows by integrating all tools in a single interface, requiring no logins or installations.

Value and Uniqueness:

with simplified UI and tab-switch recovery.

nudges users when idle or distracted.

ner with priority tags, a GitHub-style heatmap, and motivational h

TECHNICAL APPROACH

Technologies: HTML (structure), CSS (styling)

g: pdf.js library for parsing and summarization

Uses browser localStorage for offline data persistence

Built-in SpeechSynthesis API for audio alerts and notifications

Works without an internet connection; no signup required

Learning: Adapts to student behavior (e.g., tab switching)

FEASIBILITY AND VIABILITY

lightweight tech stack—fully browser-based.

which ensures accessibility even without internet.

no server or database; minimal deployment cost.

Challenges and Risks:

Performance capabilities (e.g., file size limits).

Scalability for large PDF processing.

Optimization Strategies:

Code optimization logic for speed.

Mobile App (PWA) version planned for better performance.

Implement real-time feedback to provide instant feedback to the user.

Impact and Benefits

ence:

e students.

r time management challenges.

ndwritten notes or digital PDFs.

nt on planning and switching tools.

task completion and revision.

ess with auto-generated weekly journals.

ding and focus awareness.

ancements:

tization

IS and Google Calendar

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