

# DocSpark Project Brief

Date: 2026-02-23

Status: Ready for implementation

## Purpose

Build a document conversion website that stands out from generic converters.

Core value:

- Fast conversion and download
- Optional advanced analysis for users who explicitly want it

## Differentiator

DocSpark offers an optional \*\*Smart Output Pack\*\*:

- Plain-language summary
- Key field extraction (dates, totals, names)
- Redaction hints
- Quality score

Important:

- Smart Output Pack is \*\*opt-in only\*\*
- Default user path is \*\*convert only\*\*

## Privacy Rule (Critical)

- Never run analysis by default
- User must actively choose analysis mode
- User consent is required before Smart Output Pack processing

## MVP Scope

- Upload file
- Choose target format

- Convert and download
- Optional analysis mode (with consent)
- Auto-delete temporary files by TTL

## API Contract (MVP)

- POST /api/convert

- Fields: file, targetFormat, preset?, analysisMode, analysisConsent?

- analysisMode : convert\_only | convert\_plus\_insights

- analysisConsent required when analysisMode=convert\_plus\_insights

- GET /api/jobs/:id
- GET /api/jobs/:id/download
- GET /api/jobs/:id/insights (must return 409 for convert-only jobs)
- DELETE /api/jobs/:id

## Agent Ownership

- Agent A (Codex): Frontend ( frontend/\* )
- Agent B (Claude Code): Backend ( backend/\* )

## Start Order

1. Backend bootstraps /api/convert + /api/jobs/:id
2. Frontend builds upload flow + polling
3. Backend adds /insights
4. Frontend renders output pack when opted in
5. Both complete QA

## Source Files

- Product detail: PRODUCT\_ONE\_SHOT\_SPEC.md
- Team coordination: TEAM\_SYNC.md
- Task tracking: WORK\_QUEUE.md

## One-line Pitch

DocSpark is a converter that gives users control: simple conversion by default, and optional insights only when they ask for it.