

Mercatus Cartel — Event Pack + Assist Robot

Architecture skeleton · 2026-10-02

Executive framing

Mercatus Cartel is the red/black/white product pack for Messmakers / Mens Mercatus Event mode: static multi-page mockups, seven architecture schematics, SAMPLE financial PDFs, and an ASP.NET Core Assist robot scaffold. Portfolio apps/event-net points at Cartel Event. Honest: not a full Jobs/Wallet API or production Kubernetes deployment.

System thesis

Treat Event mode as a compliance-gated staffing workflow: signup gates → rate lock at NMW floor → check-in/out windows → skills ladder → payout release with dispute holds. Assist is an agentic caption/draft layer per toolId — ranking 'why this' — without inventing wallet balances.

EVENT · MOCKUPS Signup · rate lock · check-in Vehicle · no-show · dispute Payout · close friends · settings Static HTML pack ~70 files Wheat mark visual system apps/event-net → Cartel Event	COMPLIANCE NMW floor (gazetted rate) POPIA ID redaction rules No SASSA credential handling Goods vs NLTA passenger split 4-hour minimum pay rule note Diagrams as product law	ASSIST · ROBOT ASP.NET Core robot project POST assist {toolId,intent} Chat shell optional panel System prompt under robot/ Never invent Netza balances K8s diagram = design only
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Non-goals (explicit)

- Not a claim of full Jobs hub or Wallet/Netza production APIs.
- Not a live Kubernetes topology — SVG is design intent.
- Not unsupervised payout release — supervisor checkout + dispute gates are product rules.

Schematic A — Control loop

gate → lock → staff → checkout → payout



Static Event UX proven as pack · Assist API scaffolded · Jobs/Wallet/K8s not shipped

ML / systems vocabulary (as designed)

Compliance gates	Product rules encoded in mockups — NMW, POPIA, no SASSA creds.
Assist ranking	Search tool returns ranked items + one 'why this' caption.
Agentic drafts	Composer Assist drafts brand voice; human posts.
Wallet explain	wallet.netza intent explains line items — never invents balances.
Latency budgets	Static page TTFB; Assist RTT when API is wired.
Evals (designed)	Gate completion rate, dispute pack completeness, Assist hallucination=0 on money.

Schematic B — Runtime topology

event-mode/web · robot ASP.NET · diagrams SVG · portfolio cartel/

EVENT PACK

event-mode/web HTML
Mirrored in portfolio/cartel
Seven schematics SVG/PNG
SAMPLE financial PDFs
No Event backend to run
Status: complete static pack

ROBOT

robot/backend csproj
frontend twin present
System prompt md/txt
assist + chat endpoints designed
Baking full host wiring
Not production auth fleet

DESIGN TOPOLOGY

K8s SVG = aspirational
Five Jobs pillars diagram
AI assist pipeline SVG
Close-friends GPS flow
Do not claim cluster live
event-net card → this pack

Folding event-net

Portfolio .NET Event scaffold and Cartel Event are one story: static Event UX now, .NET folder integration pending. This brief covers both — no separate fake backend card.

EVENT DAY CADENCE (DESIGNED)

Pre: signup gate + rate lock → Day: check-in windows → Post: supervisor checkout → payout if clear
Assist available per tool as ghost control when API hosted
Close-friends GPS ping default OFF

Eval plan · risks · portfolio note

[How to read this artifact](#)

Evaluation axes (when live / under demo)

- Gate coverage — mockups map to compliance doc checklist.
- Assist money safety — zero invented balances in wallet explanations.
- Dispute pack — evidence fields sufficient for human review.
- Diagram honesty — K8s labeled design, not ops reality.

Primary risks

- Readers assuming Wallet/Jobs APIs exist behind mockups.
- K8s SVG mistaken for deployed infrastructure.
- Assist prompt drift inventing legal advice.

PORTFOLIO READING GUIDE

Skeleton for Mercatus Cartel Event + Assist: compliance-gated staffing UX and robot scaffold.
Pair with cartel README, docs/event-mode-compliance.md, robot prompts. event-net links here.
Honest line: static pack complete; Jobs/Wallet/K8s are design — baking backends.