# Dynamic Project Management Board
## User Stories in Card Style (Detailed, Matched Levels)

Compiled for Jordan Suber

## Contents

# 1 Dynamic Project Management Board — Stories

## DPMB-001A — Define Product Vision & Success KPIs

| | |
|---|---|
| **Epic / Feature** | Vision & Strategy |
| **Business Value** | create shared direction with measurable outcomes (e.g., cycle time down 20%, WIP adherence $\geq$ 90%) |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Product leadership |
| **Dependencies** | Stakeholder map; analytics baseline |
| **Assumptions / Risks** | KPI sprawl; ensure owners and cadence |

**Story**   *As a Product leadership, I want to Define Product Vision & Success KPIs so that create shared direction with measurable outcomes (e.g., cycle time down 20%, WIP adherence $\geq$ 90%).*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**      Happy path

**Given**      story context, data, and permissions are in place

**When**      the functional objectives below are implemented and exercised

**Then**      the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Facilitate a cross-functional vision workshop (90 min) and draft a one-page vision.

☐ Select 3–5 KPIs (throughput, cycle time percentiles, WIP adherence, predictability).

☐ Baseline current values; set targets and owners with monthly review cadence.

☐ Publish `/docs/dpmb/vision.md` and `/analytics/kpi-baseline.md`.

## Acceptance Criteria

☐ One-page vision approved by Product, Eng, and Delivery leads.

☐ KPI document lists owner, target, and review cadence for each metric.

☐ Baseline snapshot attached and linked from the KPI page.

☐ Calendar invites created for monthly KPI reviews.

## DPMB-001B — Governance: Decision Log & Review Cadence

| | |
|---|---|
| **Epic / Feature** | Vision & Strategy |
| **Business Value** | increase transparency and predictable alignment on product decisions |
| **Priority / Estimate** | Priority: Must    SP: 3 |
| **Persona** | Product leadership |
| **Dependencies** | Vision outcomes |
| **Assumptions / Risks** | Slow decisions; unclear ownership |

**Story**  *As a Product leadership, I want to Governance: Decision Log & Review Cadence so that increase transparency and predictable alignment on product decisions.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**   Happy path

**Given**   story context, data, and permissions are in place

**When**   the functional objectives below are implemented and exercised

**Then**   the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

### Tasks

☐ Create a versioned decision-log template and repo; define decision categories.

☐ Establish monthly KPI reviews and quarterly roadmap check-ins.

☐ Automate decision digests to Slack/email; require Decision IDs in PR template.

☐ Store log at `/docs/dpmb/decision-log.md`.

### Acceptance Criteria

☐ Decision log repo exists with template and at least 5 exemplar entries.

☐ CI check validates Decision ID presence for PRs touching product goals.

☐ Monthly review cadence on shared calendar with notes linked to the log.

☐ Weekly digest generated to Slack/email with last 7 days of decisions.

## DPMB-002A — Define Core Entities & Invariants

| | |
|---|---|
| **Epic / Feature** | Domain Model |
| **Business Value** | ensure consistent data model across services and UI |
| **Priority / Estimate** | Priority: Must    SP: 8 |
| **Persona** | Architect & Backend |
| **Dependencies** | Vision; glossary |
| **Assumptions / Risks** | Over-modeling; premature optimization |

**Story**  *As a Architect & Backend, I want to Define Core Entities & Invariants so that ensure consistent data model across services and UI.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

| | |
|---|---|
| **Scenario** | Happy path |
| **Given** | story context, data, and permissions are in place |
| **When** | the functional objectives below are implemented and exercised |
| **Then** | the stated outcomes are achieved and published with evidence |

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Run event-storming to identify commands/events and boundaries.

☐ Draft ERD/UML for Board, Column, Card, Swimlane, Policy, SLA, Workflow, Label, User, Role.

☐ Document field definitions, constraints, and invariants; align names with the glossary.

☐ Publish diagrams at `/architecture/dpmb/domain-model.drawio`.

## Acceptance Criteria

☐ ERD approved by frontend/backend leads and referenced in API docs.

☐ Each entity has documented invariants and validation rules.

☐ Glossary alignment completed; no conflicting names remain.

☐ Sample payloads and IDs demonstrated in a mock API collection.

## DPMB-002B — Schema Versioning & Compatibility

| | |
|---|---|
| **Epic / Feature** | Domain Model |
| **Business Value** | enable safe evolution with forward/backward-compatible changes |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Architect & Backend |
| **Dependencies** | Initial schema draft |
| **Assumptions / Risks** | Breaking changes; drifting events |

**Story**  *As a Architect & Backend, I want to Schema Versioning & Compatibility so that enable safe evolution with forward/backward-compatible changes.*

**Non-Functional**  Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**  Happy path

**Given**  story context, data, and permissions are in place

**When**  the functional objectives below are implemented and exercised

**Then**  the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Choose migration tooling/conventions and define event schema versioning policy.

☐ Implement sample forward/backward migration; document roll-forward preference.

☐ Add contract tests to validate compatibility across versions.

☐ Publish at `/schema/dpmb/v1.sql` and `/schema/migrations/strategy.md`.

## Acceptance Criteria

☐ Versioning policy doc includes compatibility matrix and deprecation windows.

☐ Forward and backward migrations applied successfully on a seeded dataset.

☐ Contract tests pass in CI for current and previous event versions.

☐ Roll-forward runbook linked and verified by a dry-run.

## DPMB-003A — Board Creation & Configuration

| | |
|---|---|
| **Epic / Feature** | Core UX |
| **Business Value** | let teams stand up a working board quickly with correct defaults |
| **Priority / Estimate** | Priority: Must    SP: 5 |
| **Persona** | Project manager; Team member |
| **Dependencies** | Design tokens; domain model |
| **Assumptions / Risks** | Scope creep; discoverability gaps |

**Story**   *As a Project manager; Team member, I want to Board Creation & Configuration so that let teams stand up a working board quickly with correct defaults.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**       Happy path

**Given**          story context, data, and permissions are in place

**When**           the functional objectives below are implemented and exercised

**Then**           the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Design wireframes for create-board flow and settings.

☐ Implement APIs & persistence for boards, columns, swimlanes, labels.

☐ Add WIP configuration and policy toggles; ensure keyboard navigation.

☐ Write E2E tests and docs under `/frontend/prototypes/board-create`.

## Acceptance Criteria

☐ Authenticated users can create a board with columns, lanes, and labels.

☐ WIP limits/classes of service persist and are enforced on card moves.

☐ Keyboard-only flow completes successfully across supported browsers.

☐ E2E suite passes for create and configure scenarios.

## DPMB-003B — Card Authoring, Editing & Bulk Actions

| | |
|---|---|
| **Epic / Feature** | Core UX |
| **Business Value** | make daily execution fast and reliable with history preserved |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Team member |
| **Dependencies** | Board configuration |
| **Assumptions / Risks** | Latency regressions; lost edits |

**Story**  *As a Team member, I want to Card Authoring, Editing & Bulk Actions so that make daily execution fast and reliable with history preserved.*

**Non-Functional**  Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**  Happy path

**Given**  story context, data, and permissions are in place

**When**  the functional objectives below are implemented and exercised

**Then**  the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

### Tasks

☐ Build card editor (autosave, markdown), multi-select, and bulk update operations.

☐ Capture immutable history (who/what/when) for all edits and moves.

☐ Instrument P95 latency and optimize hot paths to <150ms local.

☐ Add E2E coverage for authoring and bulk flows.

### Acceptance Criteria

☐ Create/edit completes with P95 local latency <150ms on reference laptop.

☐ History shows actor, field changes, and timestamps for each operation.

☐ Bulk updates apply atomically across selected cards with a single audit entry.

☐ Undo available for accidental bulk changes within 60 seconds.

## DPMB-003C — Swimlanes & Card Templates

| | |
|---|---|
| **Epic / Feature** | Core UX |
| **Business Value** | increase consistency and reduce cognitive load for repeatable work |
| **Priority / Estimate** | Priority: Should   SP: 3 |
| **Persona** | Project manager |
| **Dependencies** | Board creation complete |
| **Assumptions / Risks** | Template sprawl; governance needed |

**Story**  *As a Project manager, I want to Swimlanes & Card Templates so that increase consistency and reduce cognitive load for repeatable work.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**    Happy path

**Given**    story context, data, and permissions are in place

**When**    the functional objectives below are implemented and exercised

**Then**    the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Add data model for swimlanes and per-lane WIP.

☐ Implement swimlane configuration UI with drag-to-reorder.

☐ Define template schema for cards/checklists; add "Create from template."

☐ Write tests and how-to docs for templates/swimlanes.

## Acceptance Criteria

☐ Swimlanes can be added/reordered; per-lane WIP enforced.

☐ Templates clone default fields/checklists into new cards.

☐ Import/export templates as JSON; sample library provided.

☐ Unit/E2E tests cover creation and application of templates.

## DPMB-004A — WIP Limits with Override & Audit

| | |
|---|---|
| **Epic / Feature** | Policies/WIP/SLAs |
| **Business Value** | improve flow efficiency and predictability |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Delivery lead |
| **Dependencies** | Policy engine; board policies |
| **Assumptions / Risks** | Rigid rules; noisy overrides |

**Story**   *As a Delivery lead, I want to WIP Limits with Override & Audit so that improve flow efficiency and predictability.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

| | |
|---|---|
| **Scenario** | Happy path |
| **Given** | story context, data, and permissions are in place |
| **When** | the functional objectives below are implemented and exercised |
| **Then** | the stated outcomes are achieved and published with evidence |

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Enforce WIP checks on drag-and-drop and bulk moves.

☐ Add override dialog capturing reason/approver; record immutable audit.

☐ Build WIP adherence report with trends by column/lane/time.

☐ Add permissions for who can override WIP and export reports.

## Acceptance Criteria

☐ Moves exceeding WIP are blocked unless override is granted with reason.

☐ Override events appear in audit with actor, approver, and timestamp.

☐ WIP adherence report shows adherence % and trends for a selected window.

☐ Only Maintainer/Admin roles can override WIP.

## DPMB-004B — Classes of Service & SLA Signaling

| | |
|---|---|
| **Epic / Feature** | Policies/WIP/SLAs |
| **Business Value** | ensure predictable time-to-resolution for different work types |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Delivery lead |
| **Dependencies** | Card lifecycle events |
| **Assumptions / Risks** | Alert fatigue; unclear defaults |

**Story**  *As a Delivery lead, I want to Classes of Service & SLA Signaling so that ensure predictable time-to-resolution for different work types.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**    Happy path

**Given**    story context, data, and permissions are in place

**When**    the functional objectives below are implemented and exercised

**Then**    the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Define classes (Standard, Expedite, Fixed Date) and default SLAs.

☐ Implement SLA timers and breach detection with notifications.

☐ Build SLA reports filtered by class/lane/assignee.

☐ Document operating playbook for SLA breaches.

## Acceptance Criteria

☐ Assigning a class starts visible SLA timers on the card.

☐ Breach state adds badge, sends notifications, and records breach in report.

☐ SLA report can filter by class and date range; CSV export available.

☐ Users can configure breach thresholds per class within allowed ranges.

## DPMB-005A — GitHub Integration: PR → Card

| | |
|---|---|
| **Epic / Feature** | Automations/Integrations |
| **Business Value** | reduce manual updates by reflecting PR state in cards |
| **Priority / Estimate** | Priority: Must    SP: 5 |
| **Persona** | Engineers; PMs |
| **Dependencies** | OAuth app; webhooks |
| **Assumptions / Risks** | Sync loops; webhook reliability |

**Story**   *As a Engineers; PMs, I want to GitHub Integration: PR → Card so that reduce manual updates by reflecting PR state in cards.*

**Non-Functional**   Performance    Security    Reliability    Accessibility    Privacy    i18n

**Acceptance Criteria (BDD)**

**Scenario**     Happy path

**Given**        story context, data, and permissions are in place

**When**         the functional objectives below are implemented and exercised

**Then**         the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Register GitHub app and webhook endpoints; map PR states to card transitions.

☐ Implement retries with backoff and DLQ; surface delivery health dashboard.

☐ Log events with actor/timestamp; link PRs to cards bidirectionally.

☐ Document setup in `/integrations/github.md`.

## Acceptance Criteria

☐ Linking a PR to a card auto-moves card to Done on merge with audit entry.

☐ Webhook failures queue to DLQ; dashboard shows backlog and retry status.

☐ Duplicate events do not cause duplicate moves (idempotent handling).

☐ Security review completed for scopes/permissions.

## DPMB-005B — Slack Rules: State Changes → Notifications

| | |
|---|---|
| **Epic / Feature** | Automations/Integrations |
| **Business Value** | speed triage and collaboration with channel updates |
| **Priority / Estimate** | Priority: Must   SP: 3 |
| **Persona** | Team members |
| **Dependencies** | Slack app; channel mapping |
| **Assumptions / Risks** | Noise risk; filter tuning |

**Story**  *As a Team members, I want to Slack Rules: State Changes → Notifications so that speed triage and collaboration with channel updates.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**     Happy path

**Given**        story context, data, and permissions are in place

**When**         the functional objectives below are implemented and exercised

**Then**         the stated outcomes are achieved and published with evidence

Definition of Ready: Persona clear; AC drafted; Dependencies known; Estimate set. • Definition of Done: All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Build rule builder: trigger → action; channel mapping UI.

☐ Post formatted messages with deep links and owner mentions.

☐ Add daily digests and per-channel noise filters.

☐ Publish docs at `/integrations/slack-rules.md`.

## Acceptance Criteria

☐ "Blocked" state triggers message to mapped channel with deeplink & owner mention.

☐ Channel filters reduce low-signal events; digest available daily.

☐ Users can mute rules per channel without removing integration.

☐ Audit shows rule creation/edits with actor and timestamp.

## DPMB-006A — Flow Metrics Dashboards

| | |
|---|---|
| **Epic / Feature** | Analytics |
| **Business Value** | enable data-driven improvement via throughput, cycle time, WIP trend |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Delivery lead; Exec |
| **Dependencies** | Event pipeline; warehouse |
| **Assumptions / Risks** | Vanity metrics; unclear ownership |

**Story**   *As a Delivery lead; Exec, I want to Flow Metrics Dashboards so that enable data-driven improvement via throughput, cycle time, WIP trend.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**   Happy path

**Given**   story context, data, and permissions are in place

**When**   the functional objectives below are implemented and exercised

**Then**   the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Define event schemas and ETL with late-arrival handling.

☐ Build dashboards for throughput, cycle time percentiles, WIP trend, bottleneck heatmaps.

☐ Add drill-through to raw event history and CSV export.

☐ Document metric definitions and owners.

## Acceptance Criteria

☐ Dashboards show weekly throughput, cycle time p50/p75/p90, and WIP trends.

☐ Drill-through reveals event history for outliers; CSV export works.

☐ Metrics catalog includes definitions, owners, and update frequency.

☐ Stakeholders confirm usefulness in a recorded review.

## DPMB-006B — A/B for Policy Changes

| | |
|---|---|
| **Epic / Feature** | Analytics |
| **Business Value** | make policy changes with evidence and guardrails |
| **Priority / Estimate** | Priority: Should    SP: 3 |
| **Persona** | Product; Delivery |
| **Dependencies** | Feature flags; dashboards |
| **Assumptions / Risks** | Misinterpretation; insufficient traffic |

**Story**   *As a Product; Delivery, I want to A/B for Policy Changes so that make policy changes with evidence and guardrails.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

| | |
|---|---|
| **Scenario** | Happy path |
| **Given** | story context, data, and permissions are in place |
| **When** | the functional objectives below are implemented and exercised |
| **Then** | the stated outcomes are achieved and published with evidence |

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set.   • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Integrate cohorting via feature flags; define success metrics and guardrails.

☐ Build analysis notebook/report template and decision log.

☐ Automate rollout/revert on threshold outcomes.

☐ Train teams to read experiment results.

## Acceptance Criteria

☐ Experiments specify metrics, guardrails, duration, and sample size.

☐ Results auto-summarized; decision recorded with KPI deltas.

☐ Rollout advanced or reverted based on pre-declared thresholds.

☐ Archive all experiments with links to underlying data.

## DPMB-007A — Role Matrix & Permission Enforcement

| | |
|---|---|
| **Epic / Feature** | Security/RBAC |
| **Business Value** | apply least privilege and compliance-friendly access |
| **Priority / Estimate** | Priority: Must    SP: 5 |
| **Persona** | Org admin; Security |
| **Dependencies** | SSO/SCIM; policy store |
| **Assumptions / Risks** | Over-permissive defaults; complexity |

**Story**  *As a Org admin; Security, I want to Role Matrix & Permission Enforcement so that apply least privilege and compliance-friendly access.*

**Non-Functional**   Performance    Security    Reliability    Accessibility    Privacy    i18n

**Acceptance Criteria (BDD)**

| | |
|---|---|
| **Scenario** | Happy path |
| **Given** | story context, data, and permissions are in place |
| **When** | the functional objectives below are implemented and exercised |
| **Then** | the stated outcomes are achieved and published with evidence |

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

- ☐ Define permission matrix for org/board/column scopes; set safe defaults.
- ☐ Implement authZ middleware and checks; seed roles.
- ☐ Build RBAC admin UI; audit all changes.
- ☐ Unit/integration tests across permission paths.

## Acceptance Criteria

- ☐ Restricted actions blocked with clear "required role" messaging.
- ☐ Default role is least privilege; elevation requires admin.
- ☐ RBAC changes recorded in immutable audit and visible in reports.
- ☐ Test suite covers positive/negative paths for each role/scope.

## DPMB-007B — Immutable Audit & Admin Activity Reports

| | |
|---|---|
| **Epic / Feature** | Security/RBAC |
| **Business Value** | provide traceability for privileged actions |
| **Priority / Estimate** | Priority: Must   SP: 3 |
| **Persona** | Security; Compliance |
| **Dependencies** | Audit store |
| **Assumptions / Risks** | PII exposure; retention policies |

**Story**   *As a Security; Compliance, I want to Immutable Audit & Admin Activity Reports so that provide traceability for privileged actions.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**      Happy path

**Given**      story context, data, and permissions are in place

**When**      the functional objectives below are implemented and exercised

**Then**      the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Define audit schema and sensitivity labels; instrument privileged actions.

☐ Create activity reports with filters/export and retention controls.

☐ Add search by actor/action/time and evidence export.

☐ Publish specs at `/security/audit-spec.md`.

## Acceptance Criteria

☐ All privileged actions generate append-only audit entries (who/what/when/where).

☐ Admin activity report filterable by time range and actor; exports to CSV.

☐ Retention policy enforced; access is role-restricted.

☐ Security review sign-off completed.

## DPMB-008A — Presence & Live Updates

|  |  |
|---|---|
| **Epic / Feature** | Realtime/Offline |
| **Business Value** | enable low-latency collaboration across users |
| **Priority / Estimate** | Priority: Must    SP: 8 |
| **Persona** | Distributed teams |
| **Dependencies** | WebSockets; fanout service |
| **Assumptions / Risks** | Fanout costs; backpressure |

**Story**  *As a Distributed teams, I want to Presence & Live Updates so that enable low-latency collaboration across users.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**     Happy path

**Given**       story context, data, and permissions are in place

**When**        the functional objectives below are implemented and exercised

**Then**        the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Design pub/sub topology and presence (heartbeats, cursors).

☐ Implement diff-based updates to minimize payload; instrument propagation P95 < 250ms.

☐ Load test and tune backpressure/retry policies.

☐ Build health dashboards and alarms.

## Acceptance Criteria

☐ Concurrent editors see updates within 250ms P95 in staging at target load.

☐ Presence cursors show active users and editing targets.

☐ Backpressure events handled without data loss or duplicate events.

☐ Alarms trigger on latency budget breaches.

## DPMB-008B — Offline Editing with Conflict-Free Sync

| | |
|---|---|
| **Epic / Feature** | Realtime/Offline |
| **Business Value** | allow reliable editing without connectivity |
| **Priority / Estimate** | Priority: Must    SP: 8 |
| **Persona** | Field teams |
| **Dependencies** | Service Worker; local store; CRDT/OT |
| **Assumptions / Risks** | Data loss risk; conflict storms |

**Story**   *As a Field teams, I want to Offline Editing with Conflict-Free Sync so that allow reliable editing without connectivity.*

**Non-Functional**    Performance    Security    Reliability    Accessibility    Privacy    i18n

**Acceptance Criteria (BDD)**

**Scenario**        Happy path

**Given**        story context, data, and permissions are in place

**When**        the functional objectives below are implemented and exercised

**Then**        the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Implement Service Worker caching and local mutation queue.

☐ Integrate CRDT/OT and deterministic conflict resolution rules.

☐ Build sync orchestrator with resumable uploads and telemetry.

☐ Add offline E2E tests and failure-mode metrics.

## Acceptance Criteria

☐ Edits made offline persist across reloads and devices (same account).

☐ On reconnect, conflicting edits merge deterministically without duplication.

☐ Sync resumes from last checkpoint after network loss.

☐ Offline error rates/traces visible in dashboard.

## DPMB-009A — Import Mapping & Preview (Jira/Trello/Asana)

| | |
|---|---|
| **Epic / Feature** | Migration |
| **Business Value** | lower switching cost and speed adoption |
| **Priority / Estimate** | Priority: Should   SP: 5 |
| **Persona** | Admin; PMO |
| **Dependencies** | Connectors; mapping UI |
| **Assumptions / Risks** | Data loss; quota limits |

**Story**  *As a Admin; PMO, I want to Import Mapping & Preview (Jira/Trello/Asana) so that lower switching cost and speed adoption.*

**Non-Functional**  Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**  Happy path

**Given**  story context, data, and permissions are in place

**When**  the functional objectives below are implemented and exercised

**Then**  the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Implement connectors and field mapping UI with presets/validation.

☐ Provide preview table with sampling and pagination.

☐ Add dry-run mode and conflict detection.

☐ Document mapping best practices.

## Acceptance Criteria

☐ Users can map status/labels/assignees/points; mappings saved/reused.

☐ Preview shows sample rows; dry-run outputs counts and issues only.

☐ Successful import writes cards with correct history/owners.

☐ Conflicts reported with suggested resolutions.

## DPMB-009B — Idempotent Re-Runs & Error Recovery

| | |
|---|---|
| **Epic / Feature** | Migration |
| **Business Value** | make imports safe and repeatable |
| **Priority / Estimate** | Priority: Should   SP: 3 |
| **Persona** | Admin; PMO |
| **Dependencies** | Import job framework |
| **Assumptions / Risks** | Partial imports; duplicates |

**Story**   *As a Admin; PMO, I want to Idempotent Re-Runs & Error Recovery so that make imports safe and repeatable.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**    Happy path

**Given**        story context, data, and permissions are in place

**When**         the functional objectives below are implemented and exercised

**Then**         the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Add checkpointing/resume tokens and duplicate detection by source IDs.

☐ Design failure UI with actionable errors and retries.

☐ Write runbooks for common import failures; add metrics for duration/error rate.

## Acceptance Criteria

☐ Re-running a partially completed import resumes from last checkpoint.

☐ Duplicate detection prevents double-created cards.

☐ Operator UI surfaces failed records with clear retry actions.

☐ Metrics show import duration and error rate by job.

## DPMB-010A — Keyboard & Screen Reader Coverage

| | |
|---|---|
| **Epic / Feature** | Accessibility |
| **Business Value** | ship inclusive, WCAG 2.2 AA-compliant core flows |
| **Priority / Estimate** | Priority: Must    SP: 5 |
| **Persona** | All users |
| **Dependencies** | Design tokens; semantic HTML |
| **Assumptions / Risks** | Regressions; gaps across browsers |

**Story** *As a All users, I want to Keyboard & Screen Reader Coverage so that ship inclusive, WCAG 2.2 AA-compliant core flows.*

**Non-Functional**    Performance    Security    Reliability    Accessibility    Privacy    i18n

**Acceptance Criteria (BDD)**

**Scenario**    Happy path

**Given**    story context, data, and permissions are in place

**When**    the functional objectives below are implemented and exercised

**Then**    the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Map keyboard traversal; add ARIA names/roles/states.

☐ Test with NVDA and VoiceOver; fix defects.

☐ Add accessibility checks to CI (lint + axe).

☐ Document exceptions and remediation timeline.

## Acceptance Criteria

☐ All core flows complete keyboard-only with correct focus order.

☐ Screen readers announce names/roles/states accurately.

☐ CI blocks on new violations above severity threshold.

☐ Exceptions documented with owners and deadlines.

## DPMB-010B — Contrast, Motion Preferences & Recovery

| | |
|---|---|
| **Epic / Feature** | Accessibility |
| **Business Value** | reduce fatigue and make errors recoverable |
| **Priority / Estimate** | Priority: Should   SP: 3 |
| **Persona** | All users |
| **Dependencies** | Theme system |
| **Assumptions / Risks** | Visual regressions; motion sickness |

**Story**   *As a All users, I want to Contrast, Motion Preferences & Recovery so that reduce fatigue and make errors recoverable.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**     Happy path

**Given**      story context, data, and permissions are in place

**When**      the functional objectives below are implemented and exercised

**Then**      the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

- ☐ Enforce AA contrast via tokens and lint rules.
- ☐ Implement `prefers-reduced-motion` and settings toggle.
- ☐ Provide accessible error messages and recovery flows.
- ☐ Add visual regression tests for states/contrast.

## Acceptance Criteria

- ☐ Text and UI elements meet WCAG AA contrast ratios.
- ☐ Reduced-motion mode disables non-essential animations.
- ☐ Error states include clear remediation steps and focus management.
- ☐ Visual regression tests pass across supported themes.

## DPMB-011A — Define SLIs/SLOs & Error Budgets

| | |
|---|---|
| **Epic / Feature** | Observability/SLOs |
| **Business Value** | provide reliability with clear budgets and owners |
| **Priority / Estimate** | Priority: Must    SP: 5 |
| **Persona** | SRE; Platform |
| **Dependencies** | Metrics; tracing; logs |
| **Assumptions / Risks** | Under-instrumentation; unclear runbooks |

**Story**   *As a SRE; Platform, I want to Define SLIs/SLOs & Error Budgets so that provide reliability with clear budgets and owners.*

**Non-Functional**   Performance    Security    Reliability    Accessibility    Privacy    i18n

**Acceptance Criteria (BDD)**

**Scenario**     Happy path

**Given**     story context, data, and permissions are in place

**When**     the functional objectives below are implemented and exercised

**Then**     the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Instrument key journeys; define SLIs (API P95, fanout delay, sync success, availability).

☐ Publish SLOs and budgets with owners and dashboards.

☐ Link alerts to runbooks; add data quality checks for telemetry.

## Acceptance Criteria

☐ SLIs computed and visible in dashboards with owners named.

☐ SLO targets and error budgets approved by stakeholders.

☐ Each alert links to an up-to-date runbook.

☐ Telemetry data quality checks run daily with alerts on failures.

## DPMB-011B — Burn-Rate Alerts & Incident Cards

| | |
|---|---|
| **Epic / Feature** | Observability/SLOs |
| **Business Value** | enable fast, consistent incident response |
| **Priority / Estimate** | Priority: Must   SP: 3 |
| **Persona** | SRE; On-call |
| **Dependencies** | Alertmanager; incident tooling |
| **Assumptions / Risks** | Alert fatigue; misrouting |

**Story**   *As a SRE; On-call, I want to Burn-Rate Alerts & Incident Cards so that enable fast, consistent incident response.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

| | |
|---|---|
| **Scenario** | Happy path |
| **Given** | story context, data, and permissions are in place |
| **When** | the functional objectives below are implemented and exercised |
| **Then** | the stated outcomes are achieved and published with evidence |

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Implement burn-rate alert policies and paging/escalation.

☐ Auto-create incident cards with templates on alert.

☐ Add PIR template and link to contributing items; track error budget burn.

## Acceptance Criteria

☐ Burn-rate alerts trigger within defined windows and page the right rotation.

☐ Incident cards include context links (dashboards, logs, recent deploys).

☐ PIR completed within 5 business days and linked from the incident.

☐ Error budget consumption tracked monthly by service.

## DPMB-012A — CI Gates: Unit/Contract/E2E/Coverage

|  |  |
|---|---|
| **Epic / Feature** | Testing |
| **Business Value** | prevent regressions with layered tests and gates |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | QA; Dev |
| **Dependencies** | CI pipeline; seed data |
| **Assumptions / Risks** | Flakiness; slow builds |

**Story**   *As a QA; Dev, I want to CI Gates: Unit/Contract/E2E/Coverage so that prevent regressions with layered tests and gates.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**      Happy path

**Given**         story context, data, and permissions are in place

**When**          the functional objectives below are implemented and exercised

**Then**          the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Set up unit, contract, and E2E suites with seed data; enforce coverage $\geq 80\%$.

☐ Detect/quarantine flaky tests; add test impact analysis to speed CI.

☐ Document testing pyramid and guidelines.

## Acceptance Criteria

☐ CI blocks merges when coverage <80% or critical tests fail.

☐ Flaky tests auto-quarantined and tracked to resolution.

☐ Test runtime reduced by $\geq 20\%$ via impact analysis.

☐ Documentation published and referenced in CONTRIBUTING.md.

## DPMB-012B — Performance & Chaos Tests (Realtime/Offline)

| | |
|---|---|
| **Epic / Feature** | Testing |
| **Business Value** | ensure scale targets and resilience under stress |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | QA; SRE |
| **Dependencies** | Staging environment |
| **Assumptions / Risks** | Costly runs; noisy failures |

**Story**   *As a QA; SRE, I want to Performance & Chaos Tests (Realtime/Offline) so that ensure scale targets and resilience under stress.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**      Happy path

**Given**      story context, data, and permissions are in place

**When**      the functional objectives below are implemented and exercised

**Then**      the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Write load tests simulating 95th-percentile traffic; define budgets.

☐ Run network chaos (packet loss/latency) and verify realtime P95 < 500ms.

☐ Gate merges on budget adherence; add synthetic monitoring.

## Acceptance Criteria

☐ Realtime propagation P95 <500ms under defined load profile.

☐ No data loss during chaos scenarios; retries visible in logs.

☐ CI fails if performance budgets are exceeded.

☐ Synthetic checks cover critical journeys with alerts on failure.

## DPMB-013A — First-Run: Empty States, Tours & Templates

| | |
|---|---|
| **Epic / Feature** | Onboarding |
| **Business Value** | achieve time-to-value within minutes |
| **Priority / Estimate** | Priority: Should   SP: 3 |
| **Persona** | New user |
| **Dependencies** | Demo content; help center |
| **Assumptions / Risks** | Noisy tips; overwhelm |

**Story**   *As a New user, I want to First-Run: Empty States, Tours & Templates so that achieve time-to-value within minutes.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**   Happy path

**Given**   story context, data, and permissions are in place

**When**   the functional objectives below are implemented and exercised

**Then**   the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Design empty states and a 3-step guided tour.

☐ Build template gallery with search/tags and contextual help on idle > 8s.

☐ Add analytics to measure activation and completion.

☐ Publish onboarding docs and quickstart video script.

## Acceptance Criteria

☐ New users complete tour in <3 minutes on reference device.

☐ Activation baseline (board created or template used) measured and reported.

☐ Contextual help triggers on idle and yields ≥10% lift in completion.

☐ Docs linked from the UI and kept current.

## DPMB-013B — Import Samples & Sandbox

| | |
|---|---|
| **Epic / Feature** | Onboarding |
| **Business Value** | let users learn safely with realistic data |
| **Priority / Estimate** | Priority: Could   SP: 2 |
| **Persona** | New user |
| **Dependencies** | Sample projects |
| **Assumptions / Risks** | Confusion with prod; isolation needed |

**Story**  *As a New user, I want to Import Samples & Sandbox so that let users learn safely with realistic data.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**    Happy path

**Given**    story context, data, and permissions are in place

**When**    the functional objectives below are implemented and exercised

**Then**    the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Provide realistic sample projects/boards and "Import sample" flow.

☐ Implement one-click sandbox reset; label as non-prod.

☐ Instrument telemetry for success metrics.

## Acceptance Criteria

☐ Sample import creates a working board with realistic data.

☐ Sandbox reset returns state to baseline in one click.

☐ Telemetry shows usage and completion of sample flows.

☐ Non-prod labels present throughout the sandbox.

## DPMB-014A — Feature Flags & Gradual Exposure

| | |
|---|---|
| **Epic / Feature** | Rollout |
| **Business Value** | minimize risk during production releases |
| **Priority / Estimate** | Priority: Must   SP: 5 |
| **Persona** | Release manager |
| **Dependencies** | Flag service; canary infra |
| **Assumptions / Risks** | Config drift; unsafe toggles |

**Story**  *As a Release manager, I want to Feature Flags & Gradual Exposure so that minimize risk during production releases.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**        Happy path

**Given**           story context, data, and permissions are in place

**When**            the functional objectives below are implemented and exercised

**Then**            the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Define flags/cohorts and canary pipeline with health gates.

☐ Build exposure dashboard by cohort/health; document comms templates.

☐ Train on-call to pause/advance stages safely.

## Acceptance Criteria

☐ Rollout proceeds Internal→5%→25%→100% with health checks.

☐ Auto-pause on failed checks; owners paged with context.

☐ Exposure dashboard shows cohort metrics and allows rollback.

☐ Communications templates used at each stage.

## DPMB-014B — One-Click Rollback & Exposure Audit

| | |
|---|---|
| **Epic / Feature** | Rollout |
| **Business Value** | recover quickly from critical issues with evidence |
| **Priority / Estimate** | Priority: Must   SP: 3 |
| **Persona** | Release manager |
| **Dependencies** | Rollback tooling |
| **Assumptions / Risks** | Partial rollback; missing audit |

**Story**   *As a Release manager, I want to One-Click Rollback & Exposure Audit so that recover quickly from critical issues with evidence.*

**Non-Functional**   Performance   Security   Reliability   Accessibility   Privacy   i18n

**Acceptance Criteria (BDD)**

**Scenario**      Happy path

**Given**          story context, data, and permissions are in place

**When**           the functional objectives below are implemented and exercised

**Then**           the stated outcomes are achieved and published with evidence

**Definition of Ready:** Persona clear; AC drafted; Dependencies known; Estimate set. • **Definition of Done:** All ACs pass; Tests green; Security/a11y checks; Docs updated; Deployed/flagged.

## Tasks

☐ Snapshot configuration before each stage; implement one-click rollback.

☐ Record exposure/audit events with actor/time/cohort.

☐ Add post-rollback verification checklist and drills.

## Acceptance Criteria

☐ One-click rollback completes in ≤5 minutes with progress logs.

☐ Audit trail lists who triggered rollback and what was reverted.

☐ Verification checklist executed and archived with the incident.

☐ Quarterly rollback drill executed and recorded.