Grey / New reconciliation

MJos Predictive Model | First manifestation of the Bangel Language

MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

27 new project and reconstruction records

This newly authored edition connects recovered documentation and inspected project sources. Proposed language bindings, named-test discovery and historical execution results remain separate. Gold and Indigo reconstructions follow the recovered overview rules; they are not the missing original volumes. Green has no recovered rule and is not silently invented. White papers remain excluded.

Use the searchable library to inspect each record, source link, industry and project. The appended source-faithful color editions preserve the original mathematical layouts and diagrams with updated terminology.

MJos Predictive Model - Terminology and reconciliation

MJOS-20260924-MJOS-PREDICTIVE-MODEL-GREY | New project sequence · proposed bindings

MJos Predictive Model / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

MJos Predictive Model: IF / HOW / THEN prediction using the MJ.23.R2 variance foundation and explicitly versioned comparability.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
JP: independently admitted representation; preserve its actual versioned protocol.
Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Observation: acquisition + availability times + value/Unknown + unit + provenance
- Forecast: horizon + scope + uncertainty + model identity
- Comparability: explicit contract
- GateVerdict: PASS | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Forecasts are advisory and uncalibrated.
- A hosted software package is not a bootable OS.
- Existing source notice describes private inherited material; naming updates must preserve license/attribution boundaries.
- No real-workload forecast accuracy established by this review.

SOURCE REFERENCES

README.md

core.py

forecast.bangel

Bangel Language - Terminology and reconciliation

MJOS-20260924-BANGEL-LANGUAGE-GREY | New project sequence · proposed bindings

Bangel Language / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Bangel Language: Typed measurement authoring through Elsa, independent JP admission and Joanna execution.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Unknown[T] distinct from zero
- Quantity: magnitude + unit
- ProgramIdentity: source and toolchain version
- Receipt: status + outputs + provenance

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Fresh package execution was not performed here; README test counts refer to named prior candidates.
- Complete GIN lifecycle, all formula conversion and 189 Purple/Yellow relationship meanings remain open per source documentation.
- Do not conflate compilation PASS with permission to act.

SOURCE REFERENCES

README.md

CONTRACT-RECONCILIATION.md

BarTide - Terminology and reconciliation

MJOS-20260924-BARTIDE-GREY | New project sequence · proposed bindings

BarTide / Grey

MJos Predictive Model | First manifestation of the Bangel Language
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PROJECT TERMINOLOGY

BarTide: Restaurant workspaces, ordering, menus, staff, fulfilment and delivery in an ASP.NET Core / Blazor application.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
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Joanna: runtime and execution evidence.
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UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- TenantId: Text
- OperationId: Text
- ExpectedVersion: Int
- Outcome: PASS | HOLD | DENY
- Receipt: source + tenant + request hash + version

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- README calls this a source candidate, not a completed production launch.
- No fresh production configuration/runtime audit; source module existence does not prove activation.
- No production Bangel integration discovered in BarTide application source; reconciliation is a proposed adapter layer.

SOURCE REFERENCES

README.md

Program.cs

BarTide Stripe API - Terminology and reconciliation

MJOS-20260924-STRIPE-API-GREY | New project sequence · proposed bindings

BarTide Stripe API / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide Stripe API: Merchant onboarding, checkout creation, payment status and webhook handling at the BarTide payment boundary.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
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PROJECT TYPES

- MerchantEnvironment: test
- PaymentIntentBinding: tenant + order + account + attempt + amount + currency
- ProviderEvidence: signed event + retrieved object
- SettlementStatus: pending | paid | refund state

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Do not describe merchant source as enabled live payments.
- Production secrets, provider account readiness and successful real payment flow were not inspected.
- Signed webhooks are provider evidence, not blanket permission.

SOURCE REFERENCES

MerchantPaymentOptions.cs

MerchantStripeProvider.cs

MerchantPaymentsEndpoints.cs

MJ Neural Net - Terminology and reconciliation

MJOS-20260924-MJ-NEURAL-NET-GREY | New project sequence · proposed bindings

MJ Neural Net / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

MJ Neural Net: Associative recall, relational discrimination and bounded source-grounded diagram overlays.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Feature: Missing(reason) | Known(Real)
- Nodes: n1…n9
- Memory: identity + pattern + relation + context
- Review: request hash + status
- r0: PROVISIONAL

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Engineered computational model, not hippocampal biology or general natural-language prediction.
- Lowercase r0 remains provisional and distinct from uppercase R0.
- Synthetic comparison shows a recall/coverage tradeoff; not field accuracy or equal-coverage benefit.
- Diagram geometry and command mapping must retain separate namespaces.

SOURCE REFERENCES

neural.bangel

adapter.py

README.md

Neural Logic Mapping - Terminology and reconciliation

MJOS-20260924-NEURAL-LOGIC-MAPPING-GREY | New project sequence · proposed bindings

Neural Logic Mapping / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Neural Logic Mapping: N1-N7 interpretation pathway with r9 covering N5-N7 and bounded recovery.

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PROJECT TYPES

- Observation: source + original form
- r0: first interpretation, provisional
- r1: articulation/relationship representation
- Intention: inferred claim + alternatives + evidence
- RecoveryAttempt: named gap + correction + progress

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Historical task is not a current source repository.
- Formalization explicitly said implementation/testing pending; later parser-valid snippets do not prove complete NLP/image interpretation implementation.
- Intent is inference; UNKNOWN != ZERO; you/You distinction must be preserved.

MJ Memory Recall - Terminology and reconciliation

MJOS-20260924-MJ-MEMORY-RECALL-GREY | New project sequence · proposed bindings

MJ Memory Recall / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

MJ Memory Recall: Scoped episodic recall and a separate self-healing evaluation seam.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
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UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Episode: namespace + frame + observed_at + available_at + provenance
- Trace: actor + time + coordinates + units
- Recall: candidate + score + ambiguity + review
- Lifecycle: QUIESCE | SEAL | CHECKPOINT | DETACH | RECLAIM

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Catalog dimensions were read from current documentation, not recounted here.
- Geometry alone cannot identify an entity; 146 distinct complete assignments documented across the larger catalog.
- No user memory import, biological validation or physical memory reclamation claim.

SOURCE REFERENCES

README.md

recall.bangel

KERNEL.md

Moana - Terminology and reconciliation

MJOS-20260924-MOANA-GREY | New project sequence · proposed bindings

Moana / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Moana: Vessel and customer records, service jobs, photos, checklists, completion records and backup/restore.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Job: customer + vessel + tasks + revision
- Observation: Unknown(reason) | known(value, unit, time)
- PreparedChange: operation ID + base revision + review
- ServiceReport: observed work, not vessel certification

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Current source was not recovered or inspected in this pass; all build/test assertions are historical task statements.
- Device-local single-operator prototype; shared accounts/cloud sync/scheduling/billing were later work.
- Do not transfer earlier CPU/encryption/rendering benchmark claims into Moana performance claims.
- Native Moana platform not fully activated; recovered presentation/routing contract was reused.
- Report page-break issue remained noted.

SOURCE REFERENCES

mj-moana.stormy-ray-3254.chatgpt.site

Engineering Studio - Terminology and reconciliation

MJOS-20260924-ENGINEERING-STUDIO-GREY | New project sequence · proposed bindings

Engineering Studio / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Engineering Studio: Guided browser authoring, client-delivery review, C# work and Bangel reference integration.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
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UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Language: CSharp | Bangel
- Draft: source + version
- ExecutionEvidence: actual | expected-only | not-run
- LessonResult: prediction + receipt + comparison

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- C# is not compiled/executed in browser or server; downloaded .NET project is its execution path.
- Expected output and completion checkmarks are not evidence of execution.
- No current application API/database integration or deployment control.
- Adding Bangel and build.tide.casa is the present requested work, not an existing capability established by this review.

SOURCE REFERENCES

ENGINEERING-STUDIO.md

Hagar / Water Protection - Terminology and reconciliation

MJOS-20260924-HAGAR-GREY | New project sequence · proposed bindings

Hagar / Water Protection / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Hagar / Water Protection: Water-protection and evidence-gated environmental reference pathways.

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Bangel Language: typed expression layer.
Elsa: compiler.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Each physical model needs its own measured inputs, units, environment, uncertainty and authority boundary.

Pearl / DRO - Terminology and reconciliation

MJOS-20260924-PEARL-GREY | New project sequence · proposed bindings

Pearl / DRO / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Pearl / DRO: Pearl, DRO and ignition reference papers and their source relationships.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Recovered conceptual and mathematical claims must retain their evidence ceiling; no physical performance upgrade is implied.

GIN Measurement - Terminology and reconciliation

MJOS-20260924-GIN-GREY | New project sequence · proposed bindings

GIN Measurement / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

GIN Measurement: Intervals, clock normalization, temporal states and evidence-bound measurements.

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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Full GIN lifecycle remains distinct from the implemented interval and evidence adapters.

Solar Systems - Terminology and reconciliation

MJOS-20260924-SOLAR-GREY | New project sequence · proposed bindings

Solar Systems / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Solar Systems: Core, marine, rocket and semiconductor/phone solar reference families.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Applications are separate profiles; one calculation does not qualify a different physical application.

Lecanto - Terminology and reconciliation

MJOS-20260924-LECANTO-GREY | New project sequence · proposed bindings

Lecanto / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Lecanto: Source, measurement and evidence relationships in the early reference corpus.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
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Elsa: compiler.
JP: independently admitted representation; preserve its actual versioned protocol.
Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Normalized drawings are not physical dimensions or approved coordinates.

Quantum Systems - Terminology and reconciliation

MJOS-20260924-QUANTUM-SYSTEMS-GREY | New project sequence · proposed bindings

Quantum Systems / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Quantum Systems: Quantum-related references, uncertainty and cross-system evidence relationships.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- A project label or simulation does not demonstrate quantum hardware, entropy performance or physical validation.

Early Works - Terminology and reconciliation

MJOS-20260924-EARLY-WORKS-GREY | New project sequence · proposed bindings

Early Works / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

Early Works: Foundational formulas, observational lifecycle, governance roles and source records.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
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Elsa: compiler.
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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- SourceIdentity: Text
- ProfileIdentity: Text
- EvidenceState: known | unknown | simulated | historical
- ReviewOutcome: supported | HOLD | DENY

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Historic test counts and frozen source identities remain dated evidence, not fresh verification.

BarTide and Tide Casa onboarding - Terminology and reconciliation

MJOS-20260924-BARTIDE-ONBOARDING-GREY | New project sequence · proposed bindings

BarTide and Tide Casa onboarding / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide and Tide Casa onboarding: RegisterWorkspace accepts restaurant/business plan, acknowledgement and required contact fields. Creates draft workspace, empty menu and deterministic request-ID slug; existing ownership cannot be rebound by matching email. TenantStaffAccess reads active durable membership; verified sign-in email may claim an unbound invitation.

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PROJECT TYPES

- RegistrationRequest: request ID, plan, acknowledged, business and contact
- OwnerBinding: user ID + tenant ID
- WorkspaceState: draft | active
- PublicationReview: separate evidence

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- One-workspace-per-account behavior is explicit in source.
- Creating a draft does not publish a restaurant or activate payments.
- No end-to-end onboarding execution in this review.

SOURCE REFERENCES

WorkspaceRegistrationStore.cs

TenantStaffAccess.cs

BarTide ordering and menu - Terminology and reconciliation

MJOS-20260924-BARTIDE-ORDERING-GREY | New project sequence · proposed bindings

BarTide ordering and menu / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide ordering and menu: Menu categories, items, ingredient exclusions, item requests, order requests and quantities. Order quoting and fingerprints, customer receipt/tracking, staff operations and delivery workflow source. Delivery settings include allowed ZIP codes, fee, minimum and capacity.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
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PROJECT TYPES

- MoneyCents: Int + currency
- OrderRequest: tenant + quote fingerprint + request ID
- Fulfillment: pickup | delivery | table
- PaymentState: separately bound

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Per-serving variants are not separate cart lines in current phase-two documentation.
- No source evidence of automatic route optimization.
- Fictional Gulf Lantern demo does not establish actual business outcomes.

SOURCE REFERENCES

RestaurantOrderingStore.cs

RestaurantOrdering.cs

DELIVERY-PHASE-TWO.md

BarTide delivery and driver operations - Terminology and reconciliation

MJOS-20260924-BARTIDE-DRIVER-GREY | New project sequence · proposed bindings

BarTide delivery and driver operations / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide delivery and driver operations: Manual driver assignment with active same-tenant account membership, acknowledgement, collection, delivered confirmation and problem reporting. Driver writes and visibility are assignment-scoped; reassignment invalidates prior authority. Payment reconciliation is separate from physical delivery.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
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PROJECT TYPES

- DeliveryAssignment: tenant + order + driver + version
- DeliveryState: assigned | acknowledged | collected | delivered | problem
- PaymentState: independent
- OverrideReason: required for authorized manager exception

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Native/background driver app and external delivery provider phases remain paused.
- Driver confirmation is not payment/refund authority.
- No route optimization claim.

SOURCE REFERENCES

RestaurantDeliveryWorkflow.cs

DELIVERY-PHASE-ONE.md

BarTide foreground delivery location - Terminology and reconciliation

MJOS-20260924-BARTIDE-LOCATION-GREY | New project sequence · proposed bindings

BarTide foreground delivery location / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide foreground delivery location: Optional location session after assignment, acknowledgement and collection. Public shared demo accepts only simulated server positions; private foreground GPS path exists. Fresh/stale/expired location distinctions; latest point storage, one active customer leg, sequence and capture validation.

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Joanna: runtime and execution evidence.
MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- Location: latitude + longitude + accuracy + captured time
- LocationMode: simulated | foreground-real
- Session: tenant + driver + order
- Freshness: fresh | stale | unavailable

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- No background service, promised ETA, offline replay or route history.
- Physical iOS/Android GPS and poor-network field trials remain unverified in current documentation.
- Private deployment requires its own table policy; public-demo policy must not be reused unchanged.

SOURCE REFERENCES

RestaurantDeliveryLocation.cs

DeliveryLocationSchema.cs

DELIVERY-PHASE-TWO.md

BarTide staff scheduling and training - Terminology and reconciliation

MJOS-20260924-BARTIDE-STAFF-GREY | New project sequence · proposed bindings

BarTide staff scheduling and training / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide staff scheduling and training: Team members and roles, time-bounded shifts, team messages, courses, lessons, assignments and lesson completion records. AddShift validates start/end and rejects overlaps for the employee.

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MJ: separate permission and resource authority.
UNKNOWN: unavailable or unsupported value, never numerical zero.

PROJECT TYPES

- TeamShift: member + start + end + label
- TrainingProgress: member + lesson + completion + time
- Role: owner | manager | bartender | server | kitchen | driver

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Training checkmarks are stored completion state, not independent proof of skill.
- Shift management exists; no optimizer or external calendar synchronization established.

SOURCE REFERENCES

StaffTraining.cs

StaffTrainingStore.cs

BarTide customer and staff rewards - Terminology and reconciliation

MJOS-20260924-BARTIDE-REWARDS-GREY | New project sequence · proposed bindings

BarTide customer and staff rewards / Grey

MJos Predictive Model | First manifestation of the Bangel Language
MJ Physics Engineering | Owned and operated by Michael Bangel | Clearwater, Florida

PROJECT TERMINOLOGY

BarTide customer and staff rewards: Pure reward eligibility evaluation from supplied authoritative history. Deduplicates source events and rejects conflicting event IDs; filters tenant/customer, state, future events and monthly time zone. Versioned rules, qualification audit, points, redemption requests and employee ledger contracts.

MJos Predictive Model: umbrella project and first manifestation of the Bangel Language in this edition.
Bangel Language: typed expression layer.
Elsa: compiler.
JP: independently admitted representation; preserve its actual versioned protocol.
Joanna: runtime and execution evidence.
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PROJECT TYPES

- Qualification: tenant + customer + source event + units + occurred time + state
- RuleVersion: immutable identity
- Eligibility: count + period + units remaining
- IssuancePermit: separate

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Evaluator explicitly does not authorize, issue or redeem a reward.
- Durable issuance must enforce uniqueness independently.

SOURCE REFERENCES

RewardEvaluator.cs

Rewards.cs

BarTide events and reservations - Terminology and reconciliation

MJOS-20260924-BARTIDE-EVENTS-GREY | New project sequence · proposed bindings

BarTide events and reservations / Grey

MJos Predictive Model | First manifestation of the Bangel Language
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PROJECT TERMINOLOGY

BarTide events and reservations: Event title/location/time zone/capacity/publication state, RSVP, check-in and guest list contracts with request keys and versions.

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PROJECT TYPES

- Event: ID + interval + time zone + capacity + version
- RSVP: user + event + state
- CheckIn: independent recorded observation

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Read contract and module presence only; complete event behavior not freshly exercised.

SOURCE REFERENCES

Events.cs

EventsStore.cs

BarTide business posts and private media - Terminology and reconciliation

MJOS-20260924-BARTIDE-POSTS-MEDIA-GREY | New project sequence · proposed bindings

BarTide business posts and private media / Grey

MJos Predictive Model | First manifestation of the Bangel Language
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PROJECT TERMINOLOGY

BarTide business posts and private media: Draft/published business posts, consent-bearing push subscriptions and subscriber counts. Private object store, media endpoints and uploaded-video references.

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PROJECT TYPES

- Post: tenant + content + state + version
- Subscription: endpoint hash + consent + active
- MediaReference: tenant + object identity + access scope

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- No notification was sent and no media access was exercised in this review.
- Publication rights and push consent require actual current authorization.

SOURCE REFERENCES

BusinessPosts.cs

BusinessPostsOutbox.cs

PrivateObjectStore.cs

Stripe API - Tide Casa service billing - Terminology and reconciliation

MJOS-20260924-STRIPE-SERVICE-BILLING-GREY | New project sequence · proposed bindings

Stripe API - Tide Casa service billing / Grey

MJos Predictive Model | First manifestation of the Bangel Language
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PROJECT TERMINOLOGY

Stripe API - Tide Casa service billing: Quotes, setup/maintenance subscription checkout, invoices, cancel/discard and guest purchase contracts. ServiceBillingProvider supports sandbox or explicitly gated live configuration; creation requires checkout/cards-only/method configuration gates. Webhook signature verification and invoice/refund reconciliation code exists.

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PROJECT TYPES

- BillingEnvironment: sandbox | live
- Quote: initial + monthly + currency + fingerprint + terms version
- SubscriptionState: provider-bound
- InvoiceEvidence: amount + paid/refunded state

PROFILE RULE

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EVIDENCE LIMITS

- Distinct from merchant payments, which are currently test-only.
- Source ability to configure live is not evidence live billing is activated.
- No subscriptions were created or changed.

SOURCE REFERENCES

ServiceBillingProvider.cs

ServiceBillingReconciliation.cs

ServiceBilling.cs

Tide Casa sales, referrals and launch review - Terminology and reconciliation

MJOS-20260924-BARTIDE-SALES-REFERRALS-GREY | New project sequence · proposed bindings

Tide Casa sales, referrals and launch review / Grey

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PROJECT TERMINOLOGY

Tide Casa sales, referrals and launch review: Sales leads/stages, follow-up dates, assignee, private notes, activity history and workspace link contracts. Referral applications/review codes, discount/commission totals and billing-linked sales. Launch-review and demo-request/inbox modules.

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PROJECT TYPES

- Lead: source + stage + next action + version
- Referral: profile + code + terms + verified sale
- LaunchReview: tenant + evidence + explicit decision

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- Private prospects/data excluded from repo per README.
- A stored follow-up date is not evidence an external reminder/message is scheduled.
- Public content should not include private lead records.

SOURCE REFERENCES

SalesPipeline.cs

Referrals.cs

LaunchReviewStore.cs

MJ Decision Layer and recovery - Terminology and reconciliation

MJOS-20260924-MJ-DECISION-GREY | New project sequence · proposed bindings

MJ Decision Layer and recovery / Grey

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PROJECT TERMINOLOGY

MJ Decision Layer and recovery: Current source package exposes arbitration, modes, noise filtering, loop protection, integrated pipeline and RecoveryStore. Pure Bangel decision source plus bounded Python host supervision. L1 observation, L2 association, L3 recall, L4 forecasting, L5 arbitration is explicitly a proposed logical organization.

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PROJECT TYPES

- Candidate: identity + score + source
- Mode: separate from decision status
- Health/Review/Minority/Downstream: independently bound
- Recovery: operation ID + checkpoint + outcome certainty

PROFILE RULE

Keep case-sensitive neural r0/r9 distinct from uppercase R-state semantics. Historical MJ-PBMEF build IDs are provenance, not current company branding. Existing evidence profiles retain their source-specific meanings.

EVIDENCE LIMITS

- SELECTED identifies an advisory candidate; no financial or physical permission.
- Missing independent gates HOLD.
- Recovery does not retry uncertain external effects and cannot convert predicted data into observed evidence.

SOURCE REFERENCES

README.md

MJ-NEURAL-L5-CONTRACT.md

decision.bangel